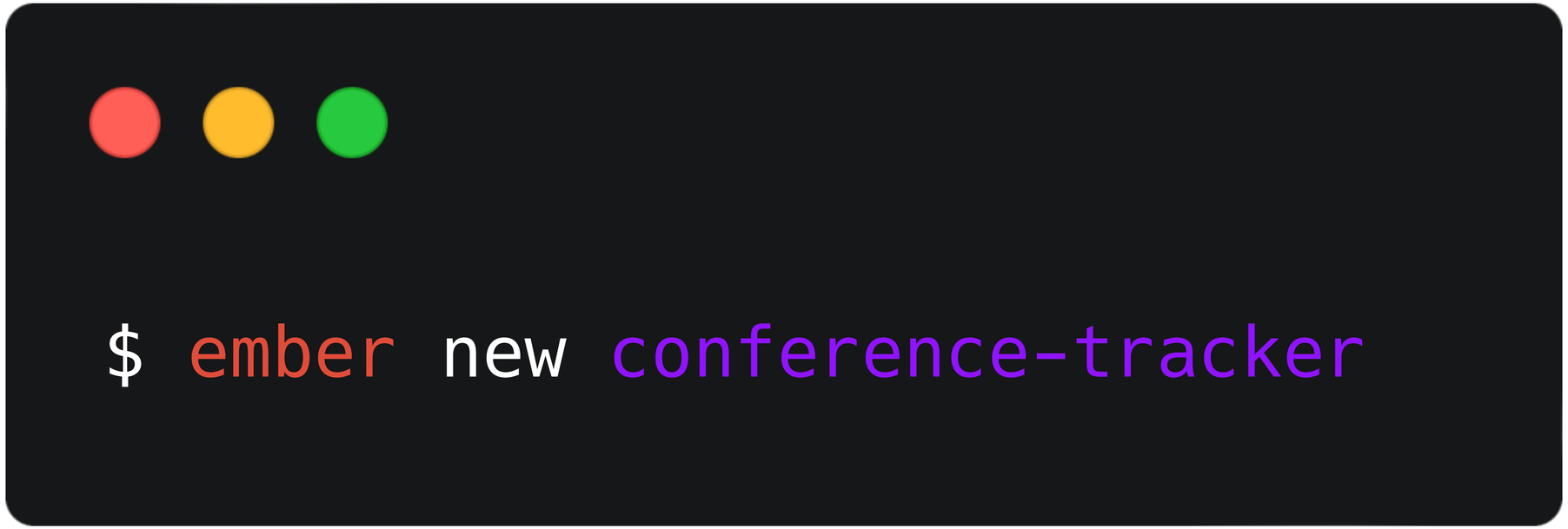
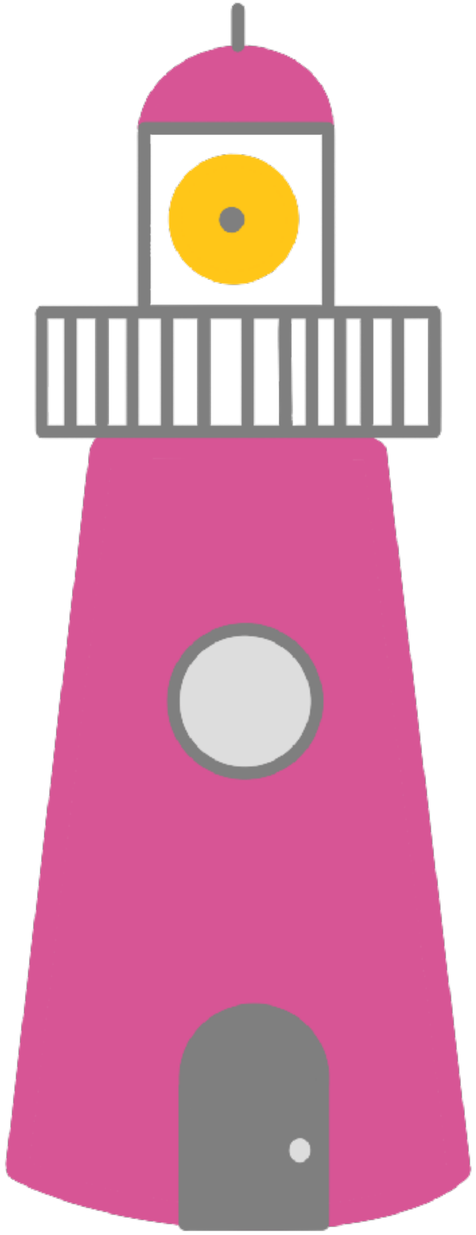
Design systems are BIG!
Tutorials
https://material.io/

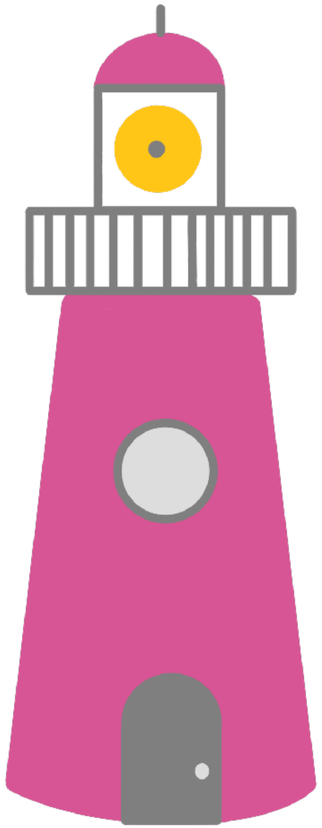
ember

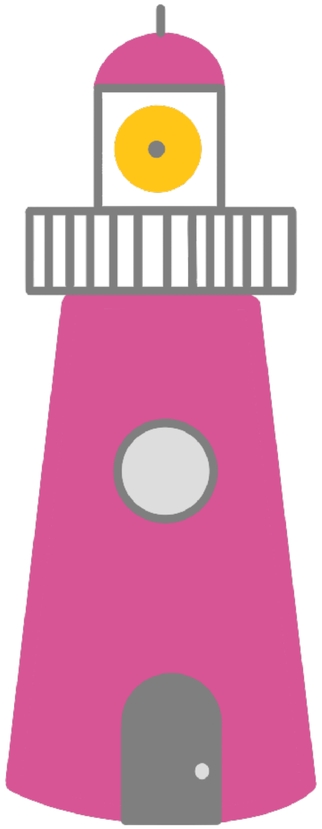
Looking left & right - CSS Transitions
Show overflow
Ember{{test}}

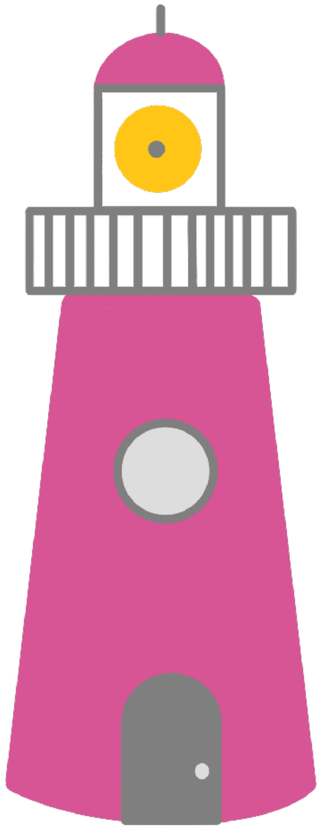

$ ember new conference-tracker

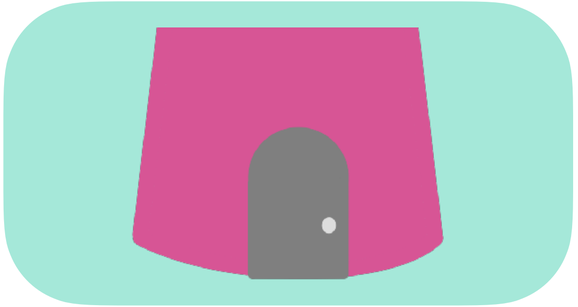
The Blueprint to a Finished Project

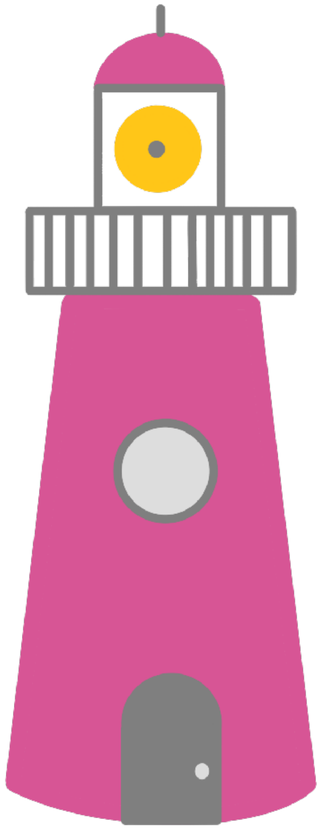


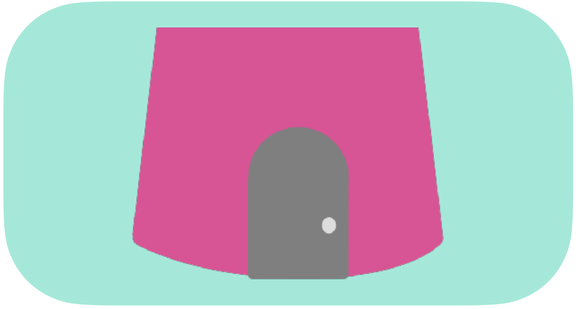


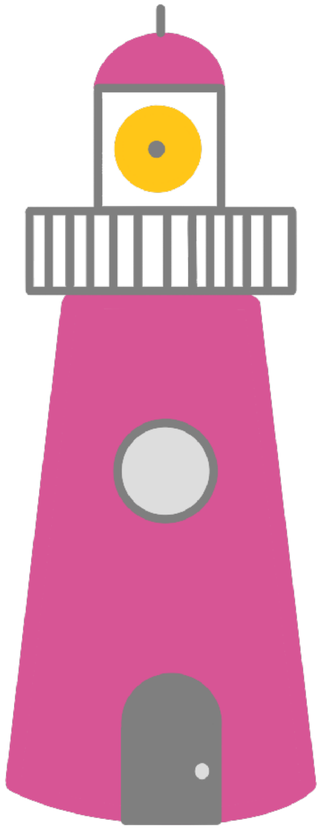


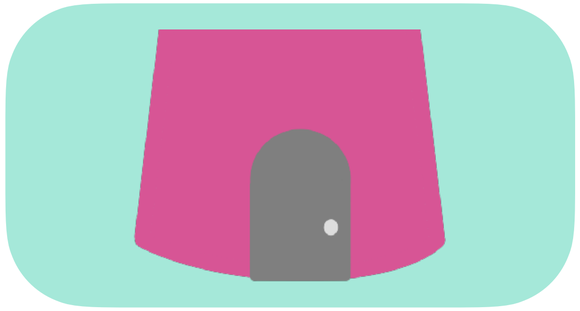


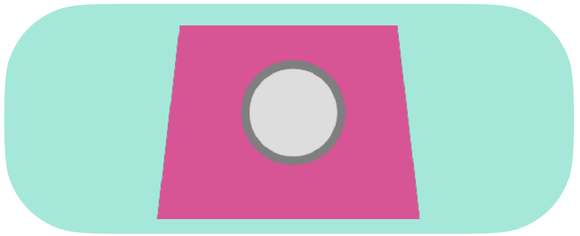


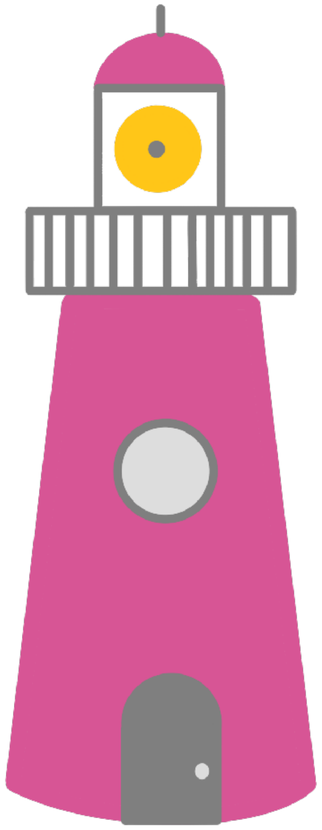


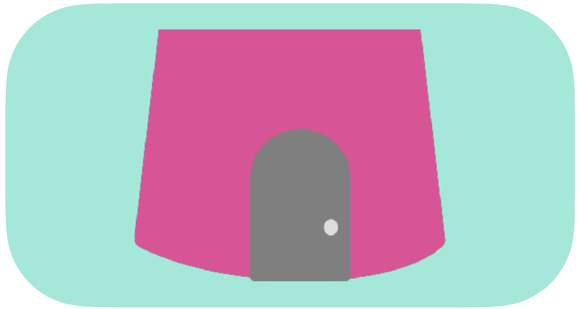


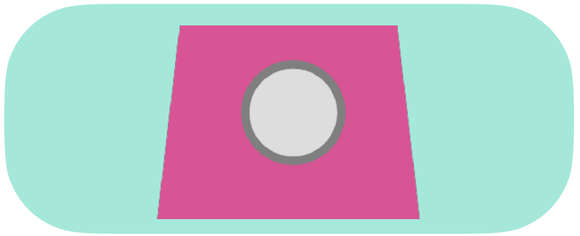


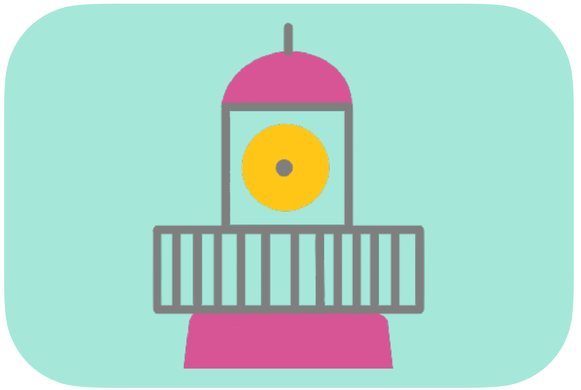


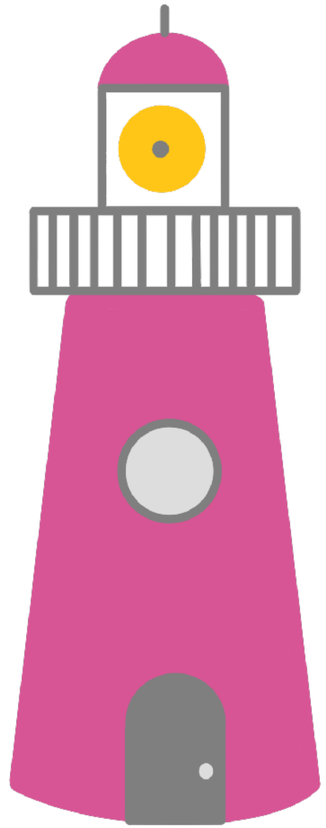












PURPOSE

Why, How, What

Keep It Simple, Software Developer

FOCUS

TOOLS

PURPOSE

FOCUS

Minimal Viable Product

Small Increments

Ugly Is Okay

TOOLS

PURPOSE

FOCUS

TOOLS

Ember.JS

Linting

CSS

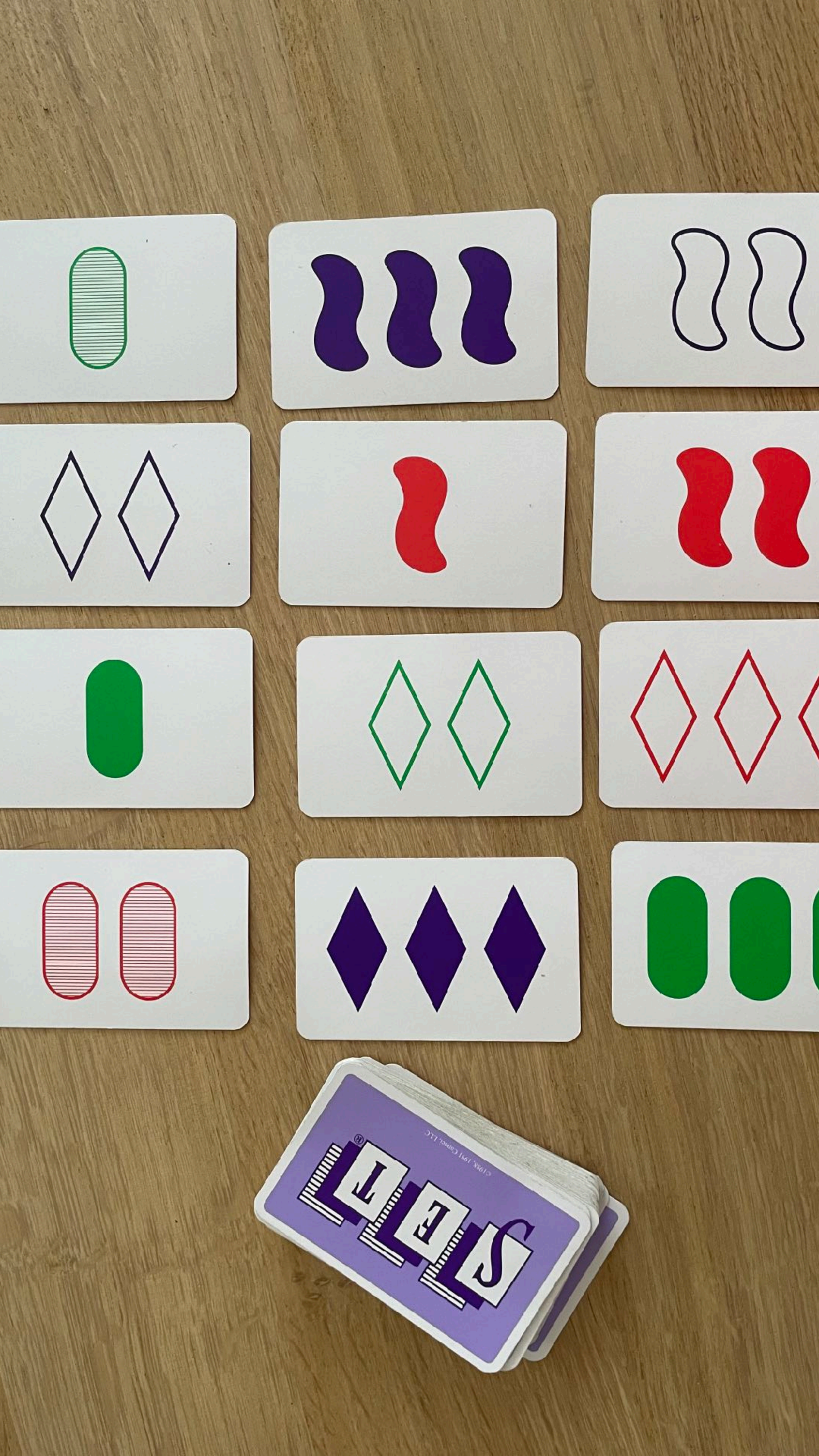
Git

Why Do I Use Ember for Fun Projects

17:11
SET
Set
H2 Tanken
AoC 2022
AdventofCode...

Single Feature Apps

TM by Chris Manson


SET
©1998, 1991 Cannot, LLC

PURPOSE

Being able to play SET with my sister during the pandemic

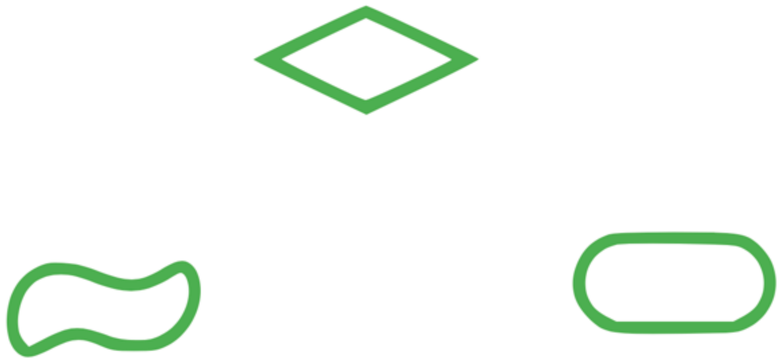
Commits on Nov 11, 2021

Initial Commit from Ember CLI v3.28.4 ···

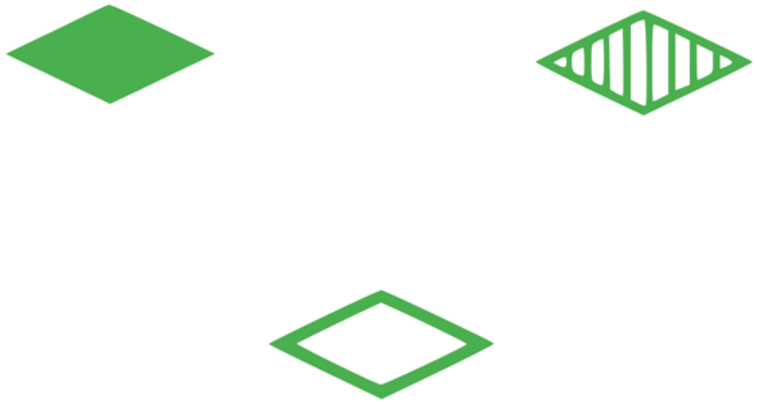
ember-tomster authored and **MinThaMie** committed on Nov 11, 2021

FOCUS

Playing SET



SHAPE



FILLING

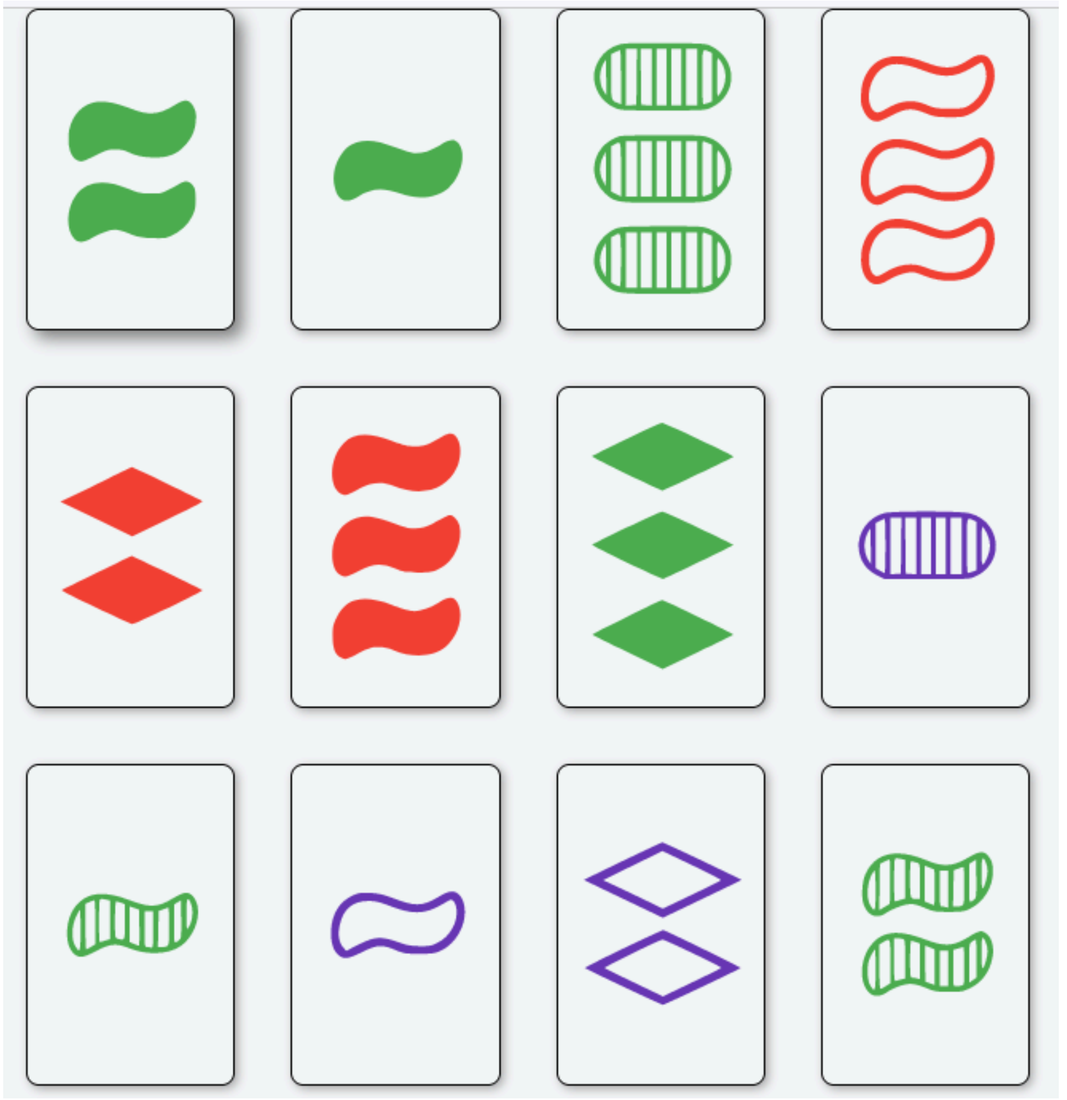
COLOR

GREEN

RED

PURPLE

AMOUNT



Commits on Nov 11, 2021

Add card images

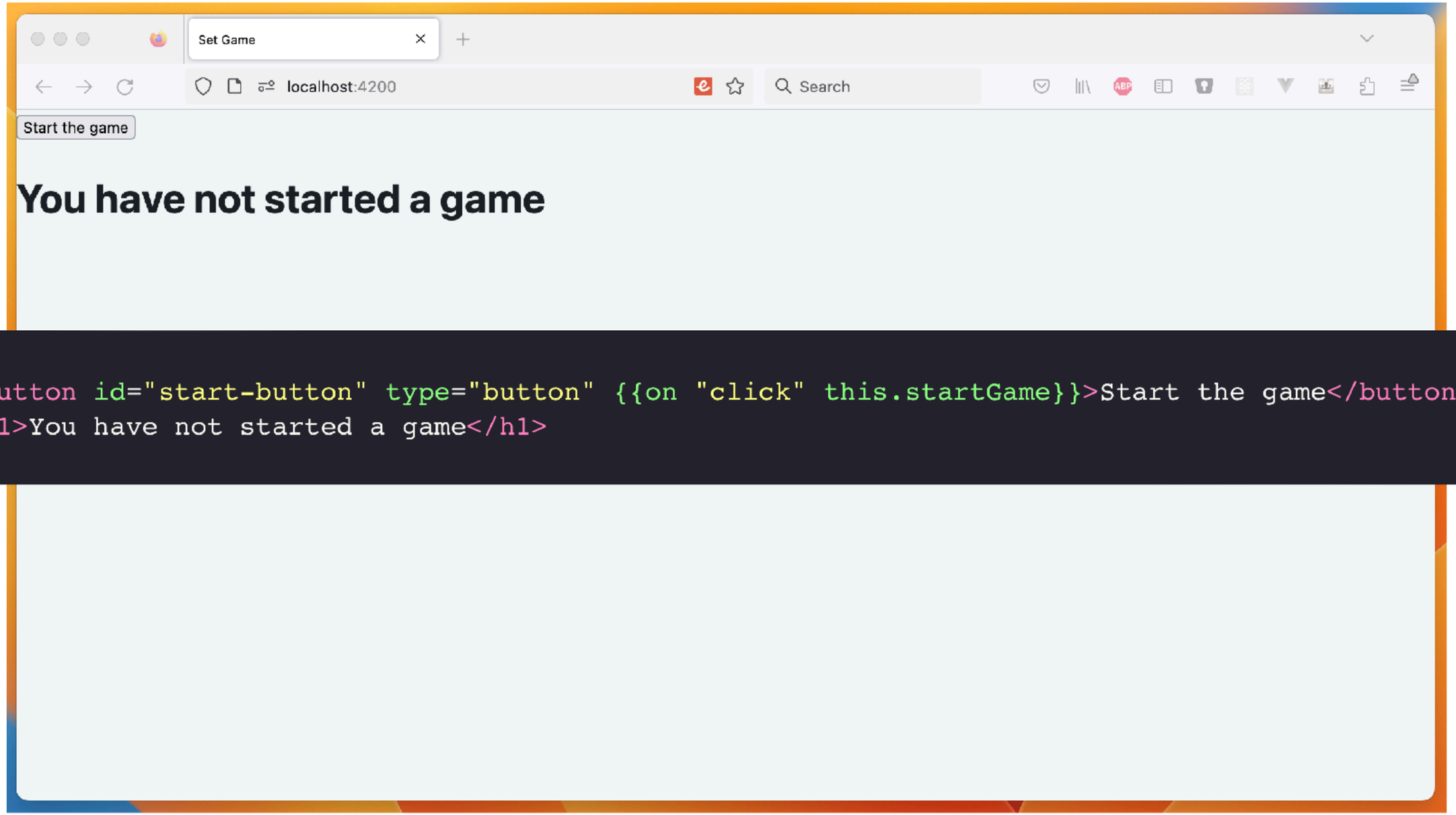
MinThaMie committed on Nov 11, 2021

Initial Commit from Ember CLI v3.28.4 ···

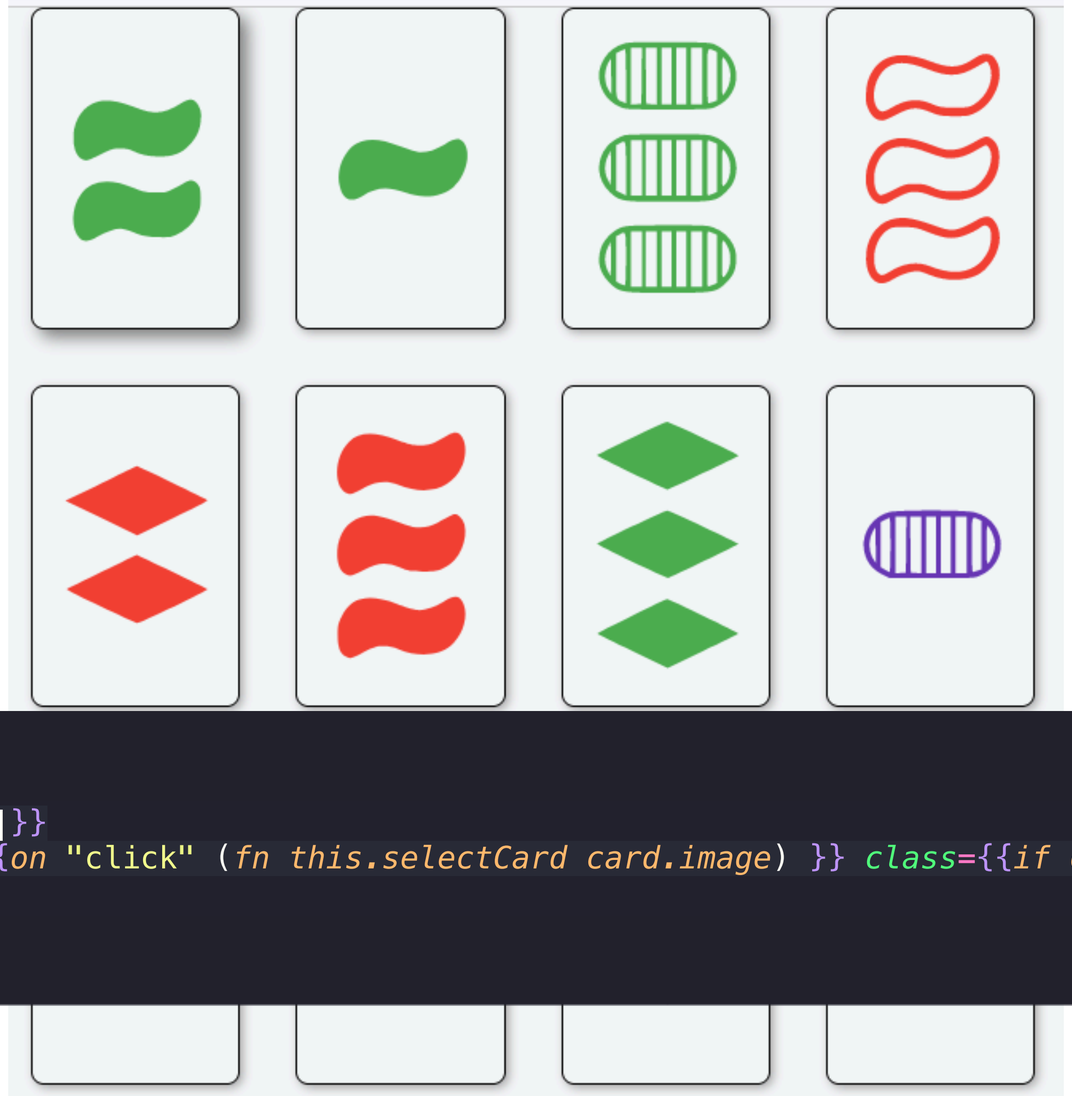
ember-tomster authored and **MinThaMie** committed on Nov 11, 2021

```
isSet(cardA, cardB, cardC) {
  return (
    this.validateProps(cardA.shape, cardB.shape, cardC.shape) &&
    this.validateProps(cardA.amount, cardB.amount, cardC.amount) &&
    this.validateProps(cardA.filling, cardB.filling, cardC.filling) &&
    this.validateProps(cardA.color, cardB.color, cardC.color)
  );
}
```

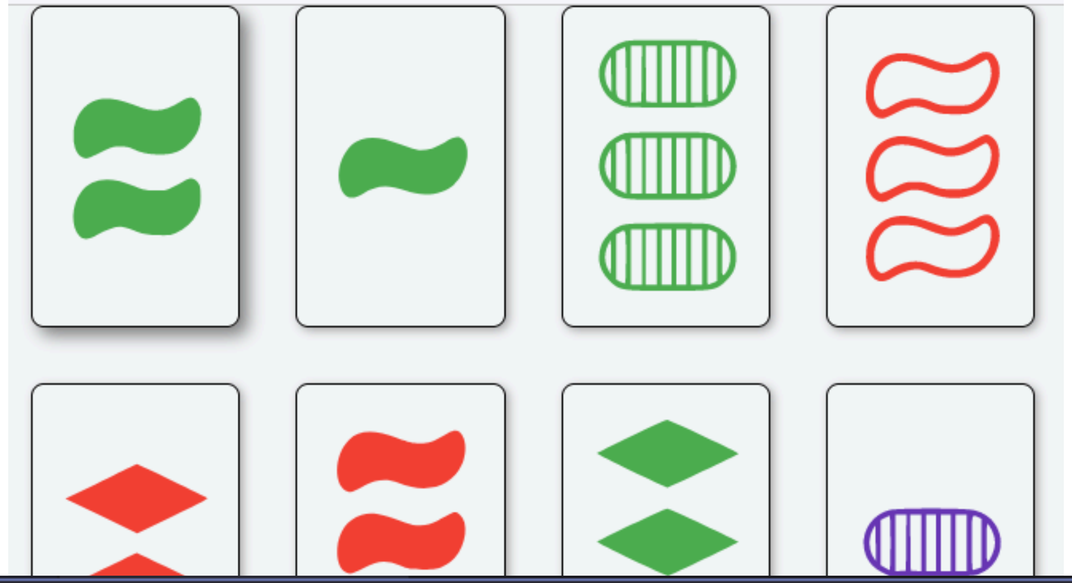
```
validateProps(propCardA, propCardB, propCardC) {
  return (propCardA === propCardB && propCardB === propCardC)
  || (propCardA !== propCardB && propCardA !== propCardC &&
      propCardB !== propCardC);
}
```




```
<button id="start-button" type="button" {{on "click" this.startGame}}>Start the game</button>
<h1>You have not started a game</h1>
```



```
<div id="playing-field">
  {{#each this.field as |card|}}
    <img src={{card.image}} {{on "click" (fn this.selectCard card.image) }} class={{if card.selected "selected" ""}}/>
  {{/each}}
</div>
```

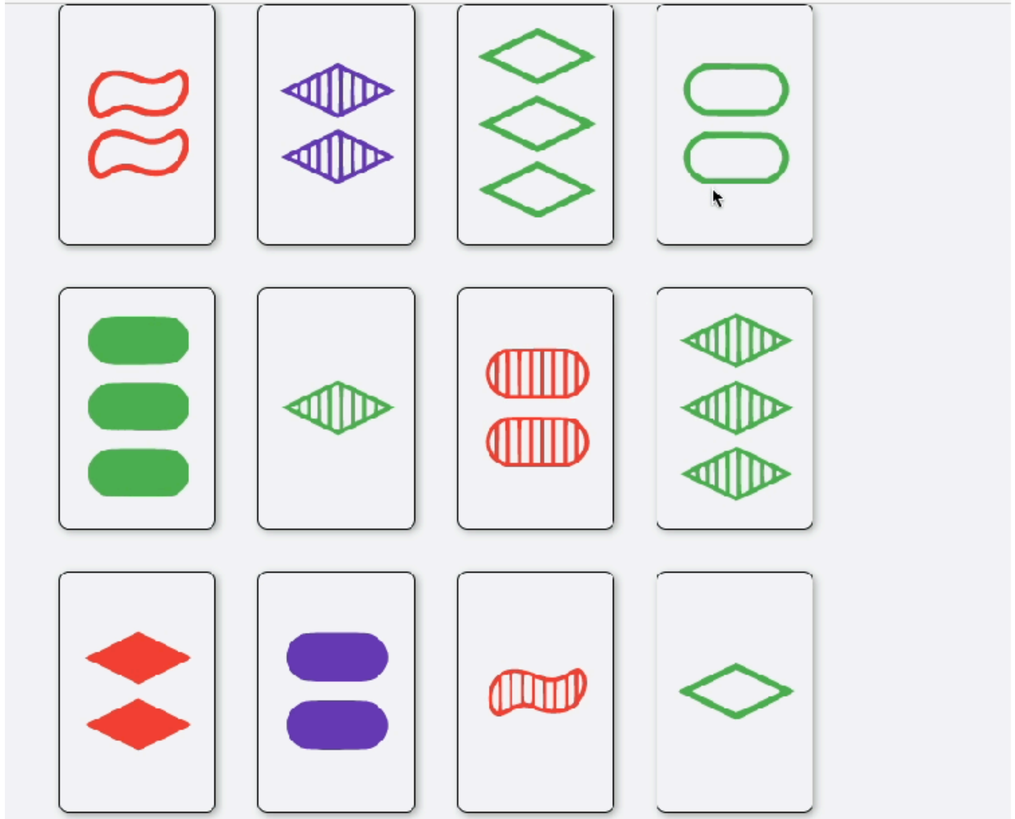


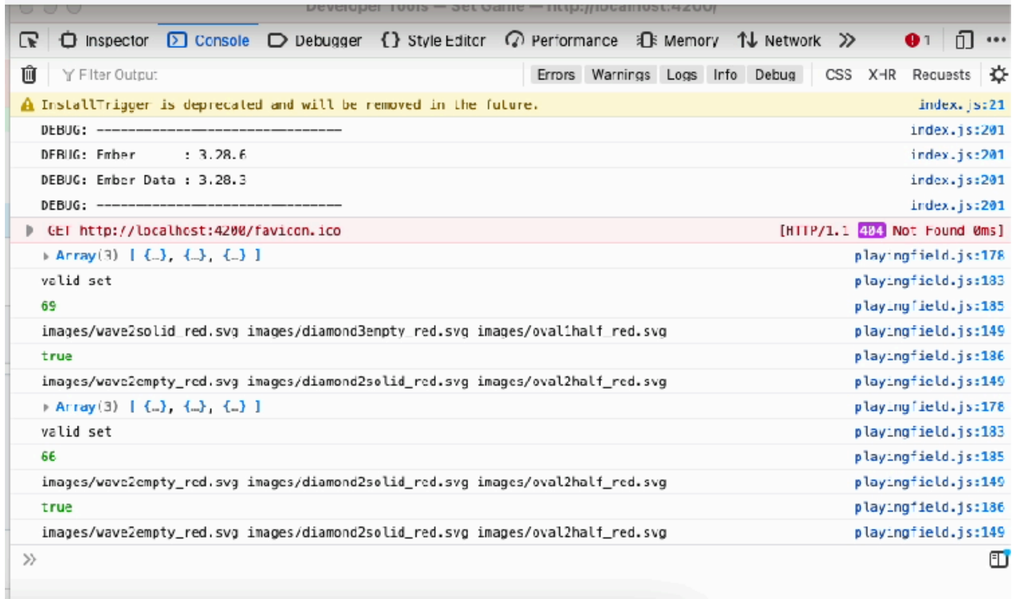
```
op > compone
1    {{#if
2      <div
3        {{
4          <img src={{card.image}} {{on "click" (fn this.selectCard card.image) }} class={{if card.selected "selected" ""}}/>
5      {{/each}}
6      </div>
7    {{else}}
8      <button id="start-button" type="button" {{on "click" this.startGame}}>Start the game</button>
9      <h1>You have not started a game</h1>
10   {{/if}}
```

All `<img>` tags must have an alt attribute ember-template-lint(require-valid-alt-text)

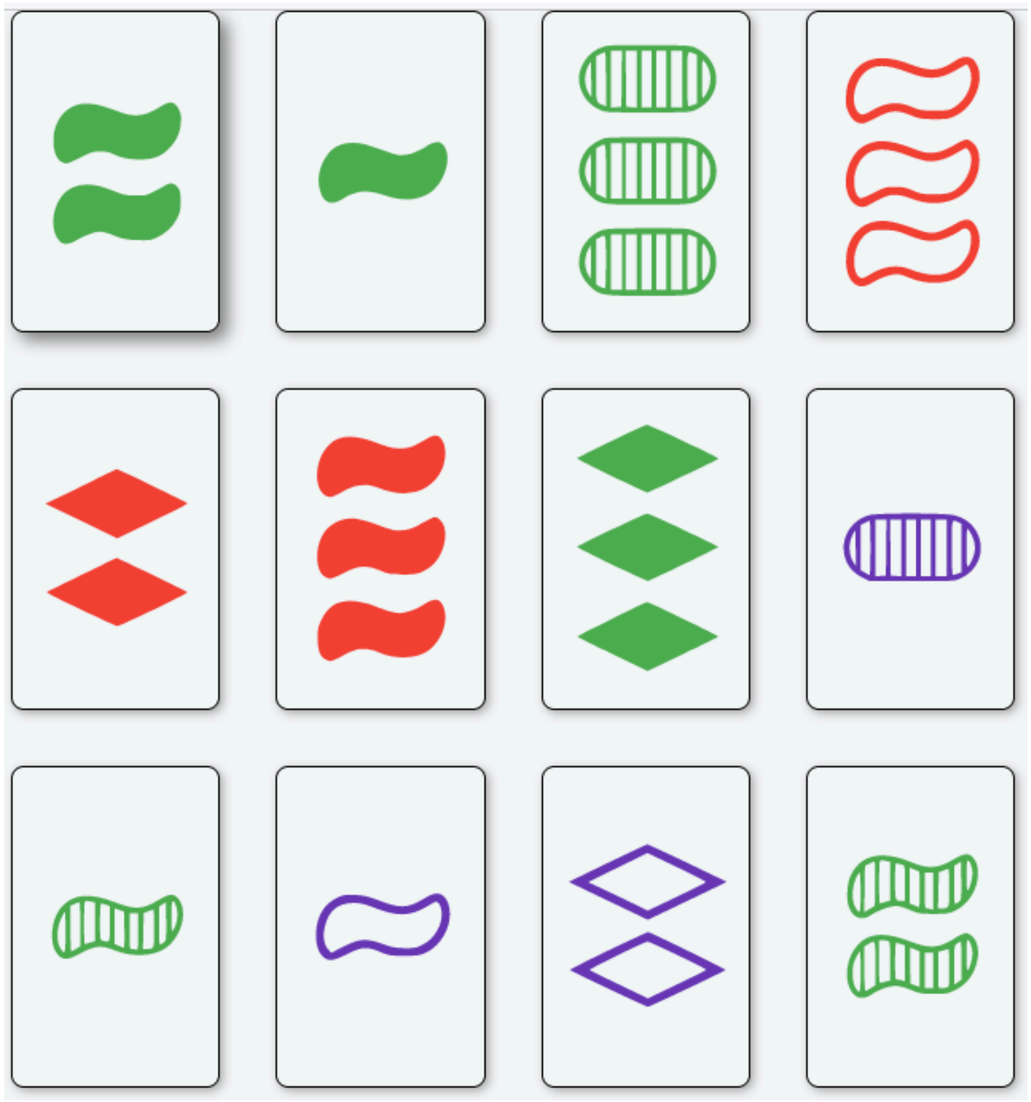
Interaction added to non-interactive element ember-template-lint(no-invalid-interactive)

View Problem (⌥F8) Quick Fix... (⌘.)




Inspector
Console
Debugger
Style Editor
Performance
Memory
Network
Filter Output
Errors
Warnings
Logs
Info
Debug
CSS
XHR
Requests
InstallTrigger is deprecated and will be removed in the future. index.js:21
DEBUG: ------------------------------- index.js:201
DEBUG: Ember : 3.28.6 index.js:201
DEBUG: Ember Data : 3.28.3 index.js:201
DEBUG: ------------------------------- index.js:201
GET http://localhost:4200/favicon.ico [HTTP/1.1 404 Not Found 0ms]
▸ Array(3) [{…}, {…}, {…}] playingfield.js:178
valid set playingfield.js:133
69 playingfield.js:135
images/wave2solid_red.svg images/diamond3empty_red.svg images/oval2half_red.svg playingfield.js:149
true playingfield.js:136
images/wave2empty_red.svg images/diamond2solid_red.svg images/oval2half_red.svg playingfield.js:149
▸ Array(3) [{…}, {…}, {…}] playingfield.js:178
valid set playingfield.js:133
66 playingfield.js:135
images/wave2empty_red.svg images/diamond2solid_red.svg images/oval2half_red.svg playingfield.js:149
true playingfield.js:136
images/wave2empty_red.svg images/diamond2solid_red.svg images/oval2half_red.svg playingfield.js:149

MVP



MVP

Commits on Nov 11, 2021

Adds set basic game

MinThaMie committed on Nov 11, 2021 **+219 -5**

Add card images

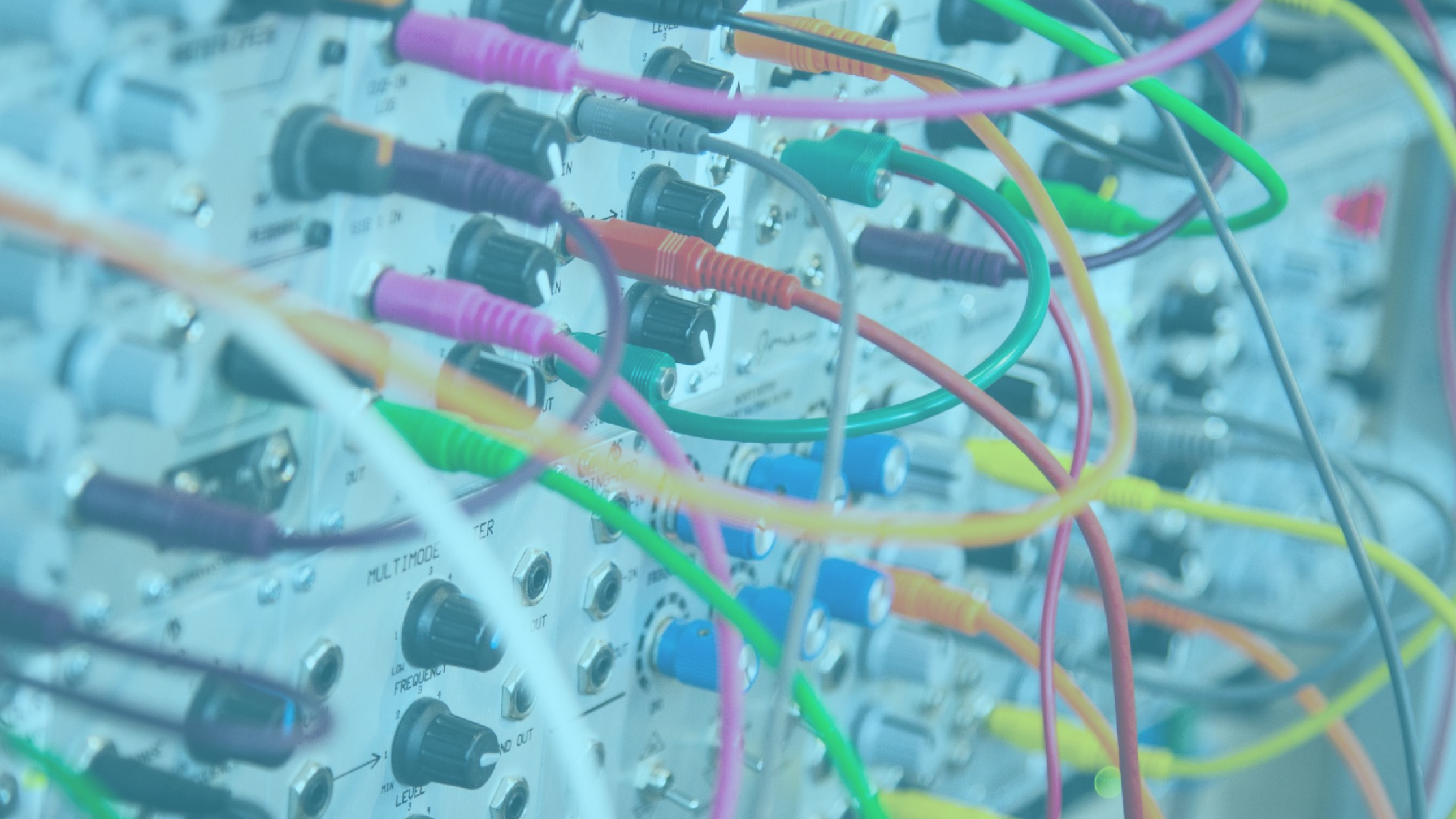
MinThaMie committed on Nov 11, 2021

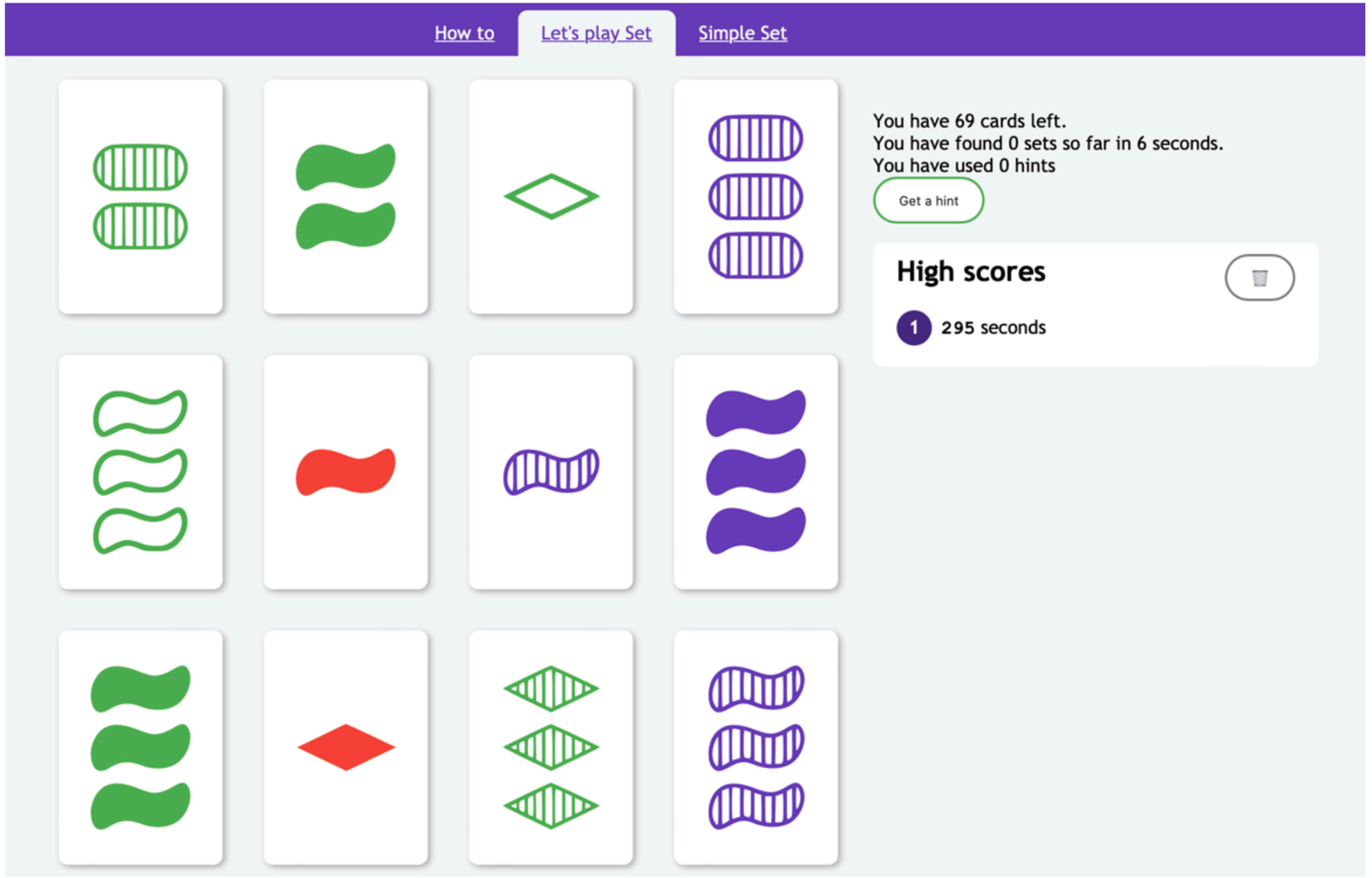
Initial Commit from Ember CLI v3.28.4 ···

ember-tomster authored and **MinThaMie** committed on Nov 11, 2021

FOCUS

Playing Together


MULTIMODE
FREQUENCY
LEVEL
OUT


How to
Let's play Set
Simple Set
You have 69 cards left.
You have found 0 sets so far in 6 seconds.
You have used 0 hints
Get a hint
High scores
1
295 seconds

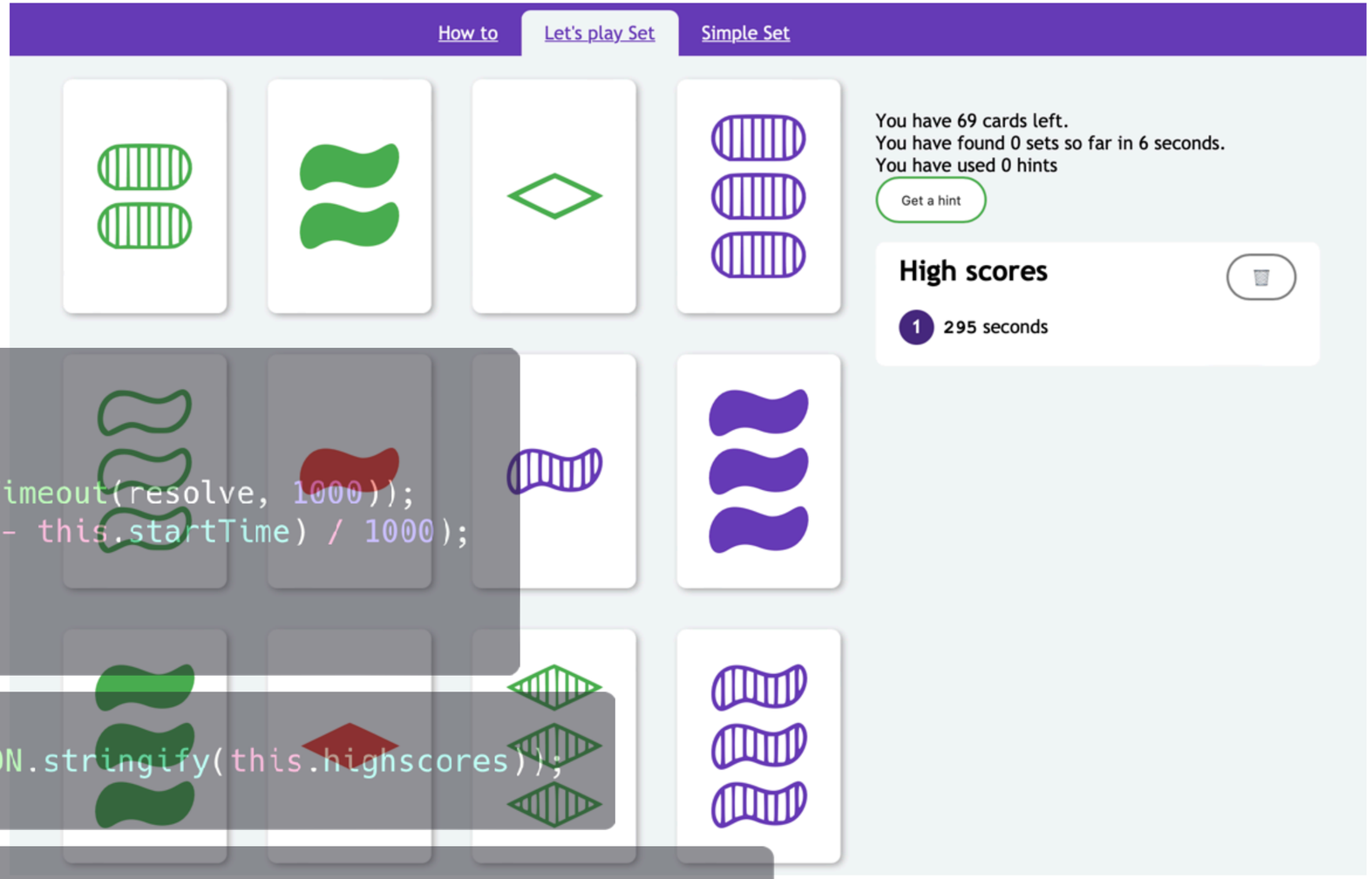
```
@tracked time = 0;
@tracked highscores = [];
```

```
if (this.isWon) {
  this.finishTime = this.time;
  this.updateHighScores();
}
```

```
@task *timerTask() {
  while (true) {
    yield new Promise((resolve) => setTimeout(resolve, 1000));
    this.time = Math.floor((Date.now() - this.startTime) / 1000);
  }
}
```

```
localStorage.setItem('highscores', JSON.stringify(this.highscores));
```

```
let highscoresString = localStorage.getItem('highscores');
this.highscores = JSON.parse(highscoresString)?.sort((a, b) => a > b) ?? [];
```



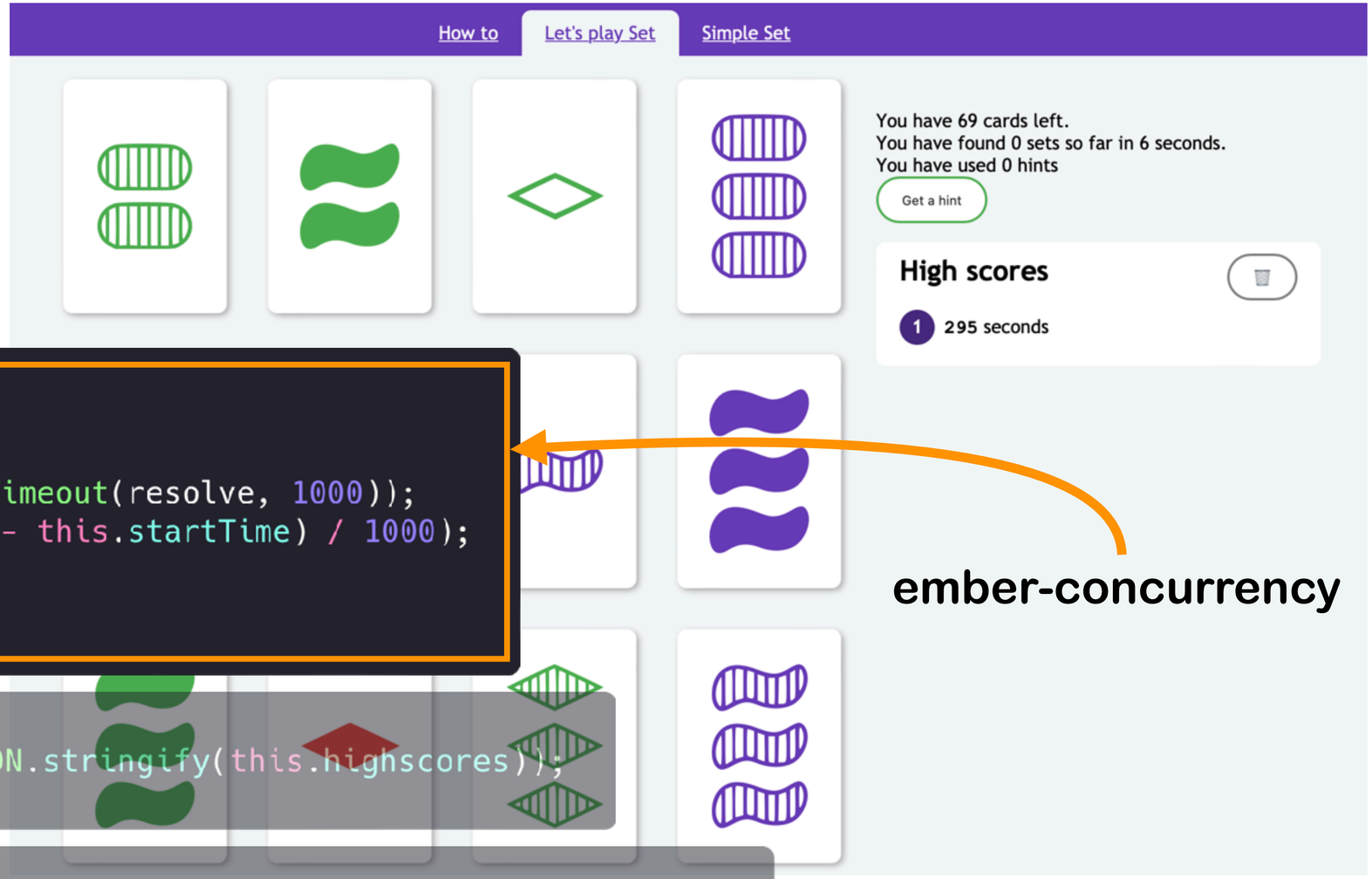
```
@tracked time = 0;
@tracked highscores = [];
```

```
if (this.isWon) {
  this.finishTime = this.time;
  this.updateHighScores();
}
```

```
@task *timerTask() {
  while (true) {
    yield new Promise((resolve) => setTimeout(resolve, 1000));
    this.time = Math.floor((Date.now() - this.startTime) / 1000);
  }
}
```

```
localStorage.setItem('highscores', JSON.stringify(this.highscores));
```

```
let highscoresString = localStorage.getItem('highscores');
this.highscores = JSON.parse(highscoresString)?.sort((a, b) => a > b) ?? [];
```



ember-concurrency

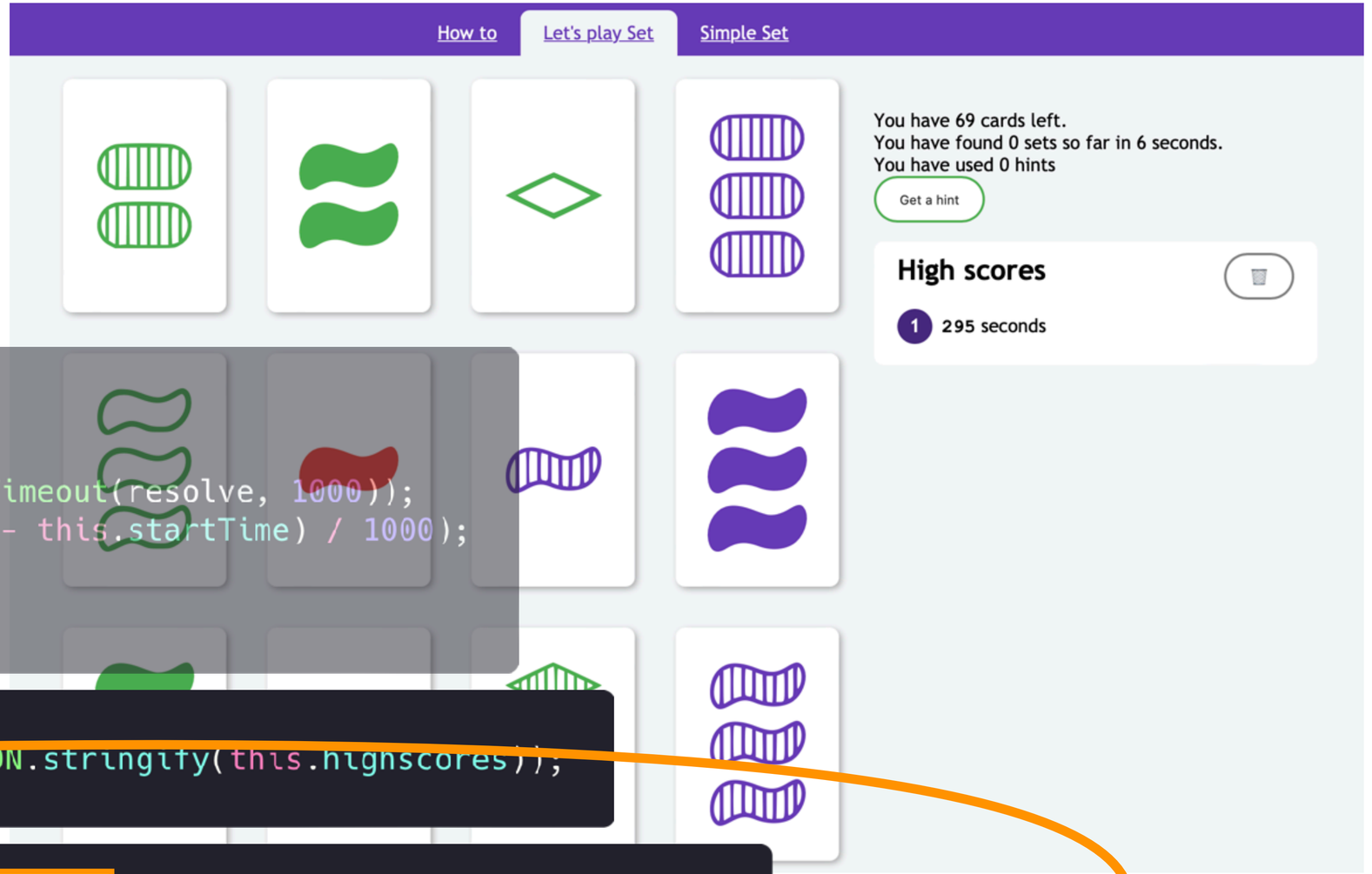
```
@tracked time = 0;
@tracked highscores = [];
```

```
if (this.isWon) {
  this.finishTime = this.time;
  this.updateHighScores();
}
```

```
@task *timerTask() {
  while (true) {
    yield new Promise((resolve) => setTimeout(resolve, 1000));
    this.time = Math.floor((Date.now() - this.startTime) / 1000);
  }
}
```

```
localStorage.setItem('highscores', JSON.stringify(this.highscores));
```

```
let highscoresString = localStorage.getItem('highscores');
this.highscores = JSON.parse(highscoresString)?.sort((a, b) => a > b) ?? [];
```



Web API

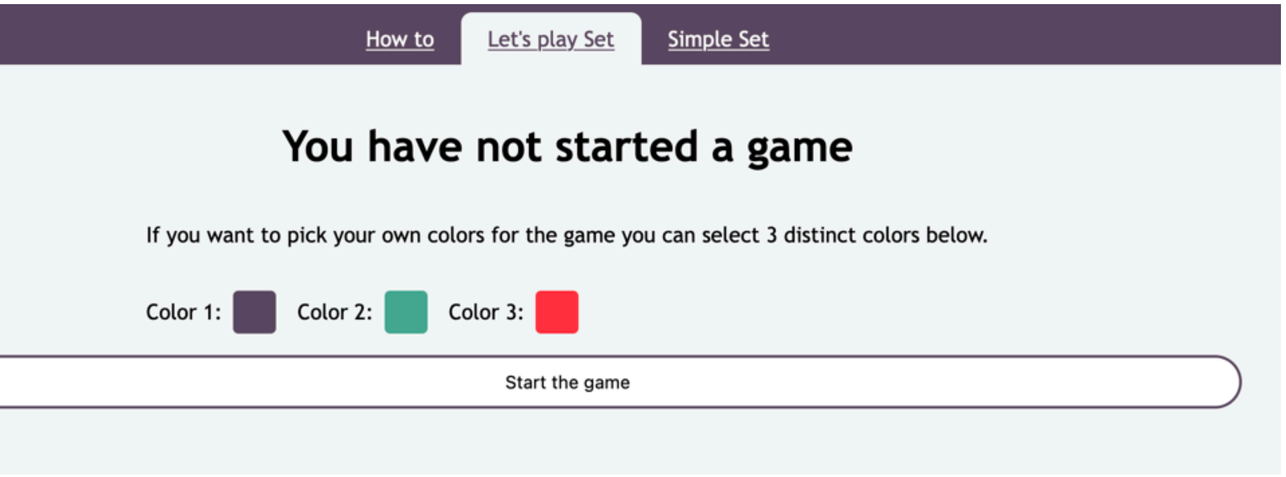
FOCUS

Accessibility

No Red

No Green

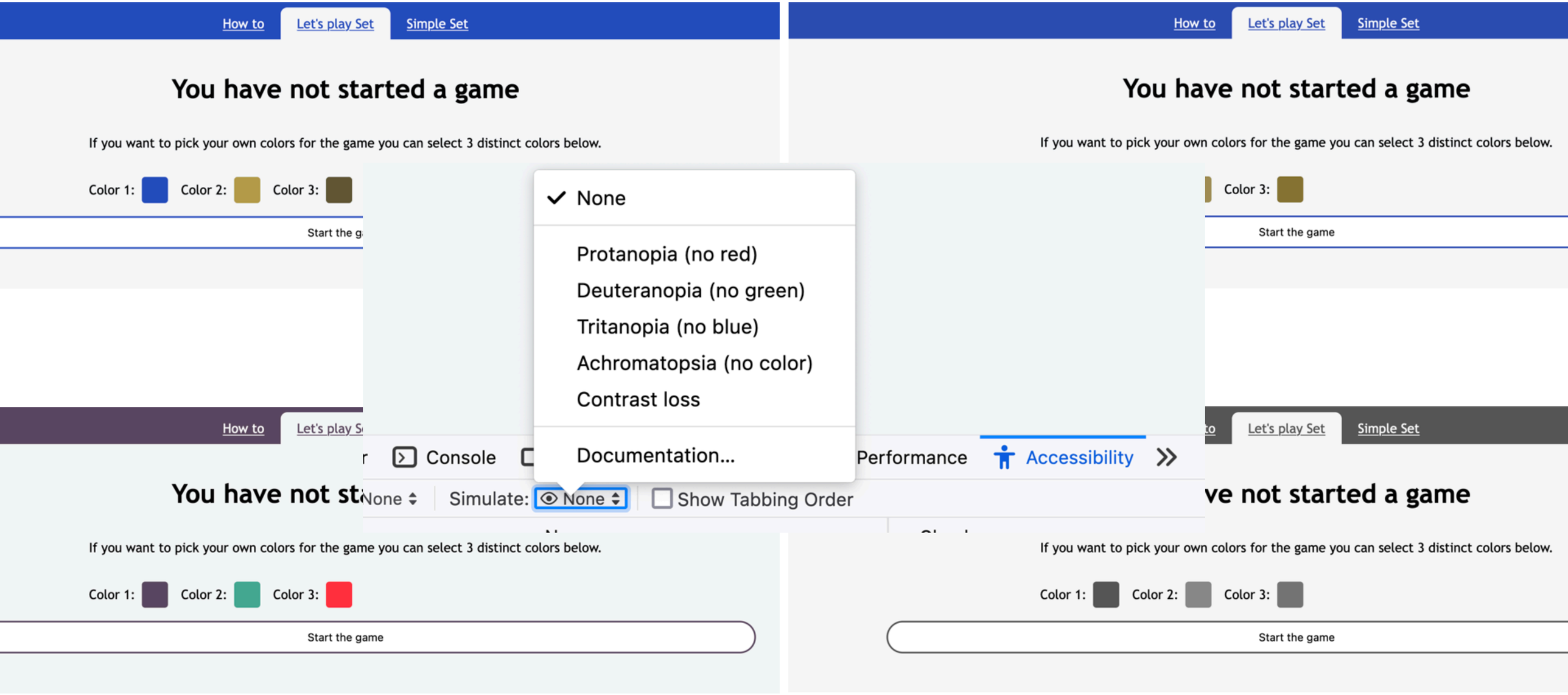
No Blue



No Color

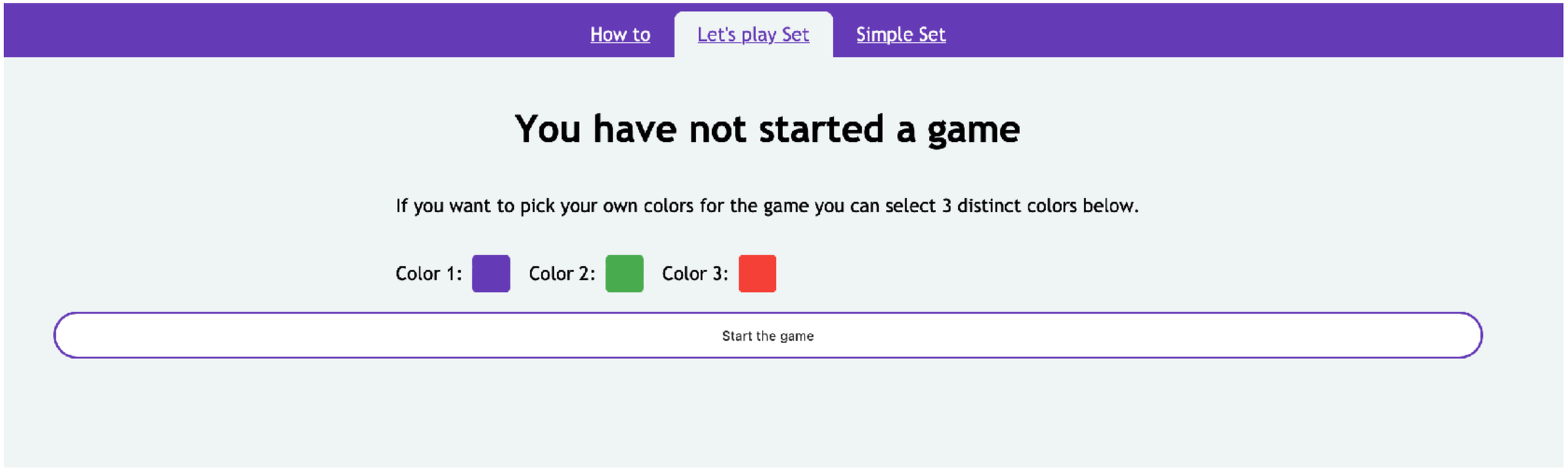
No Red

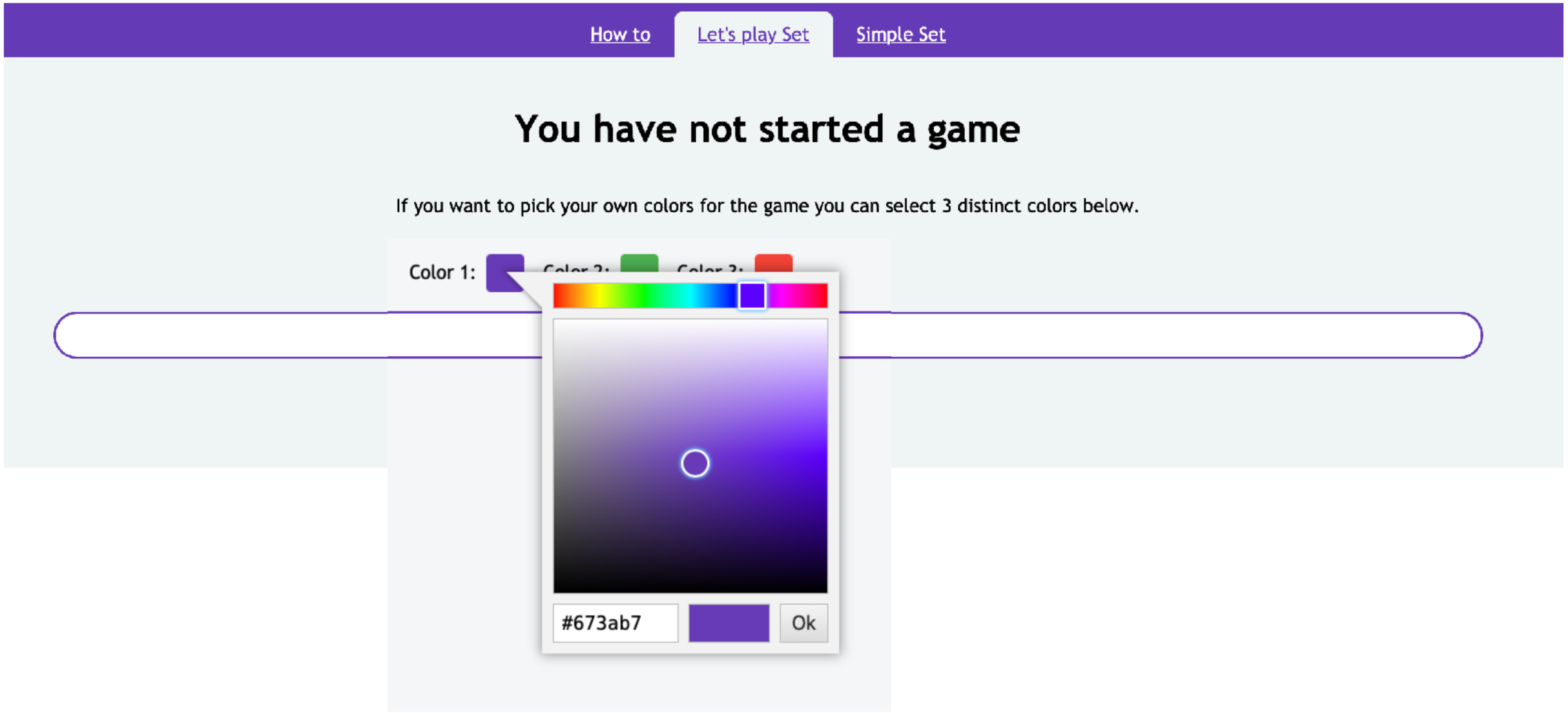
No Green

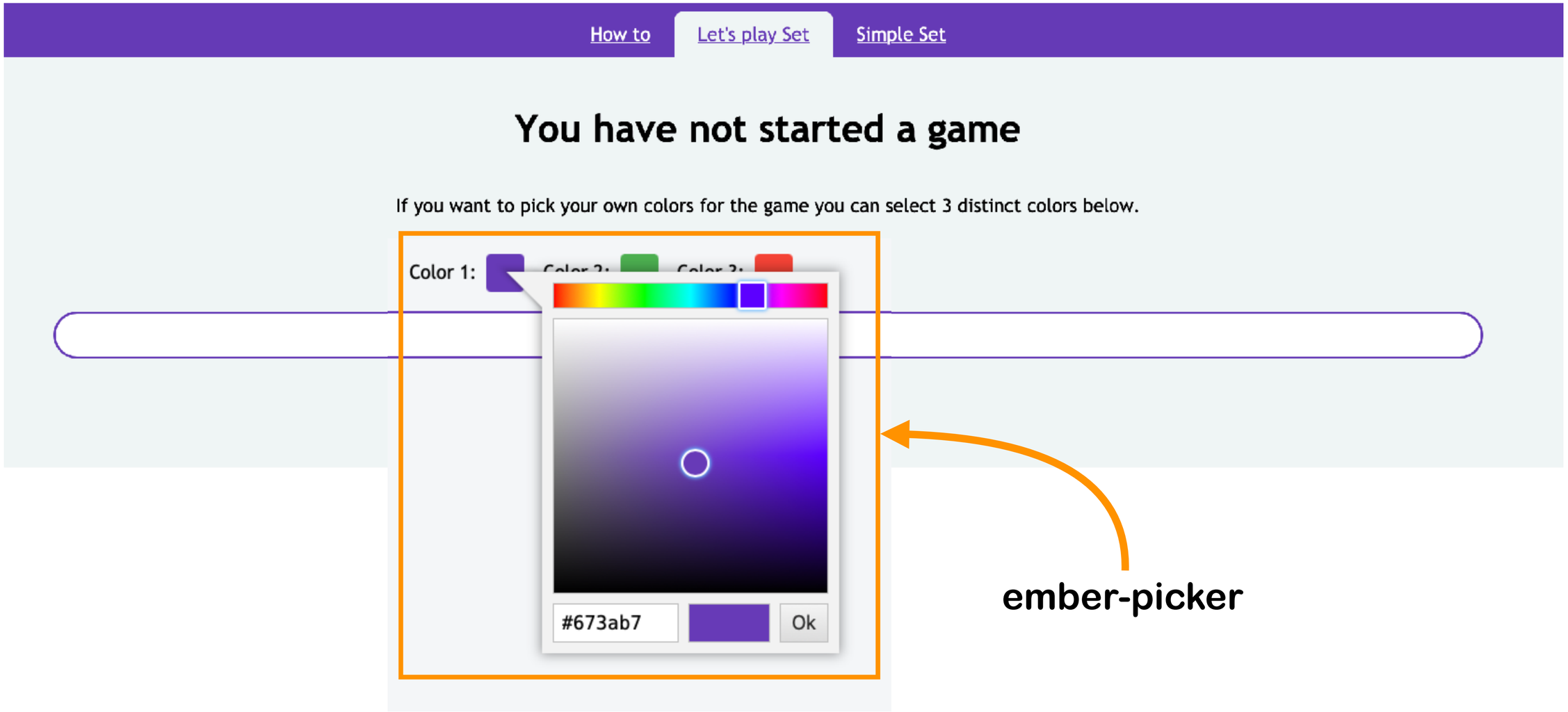


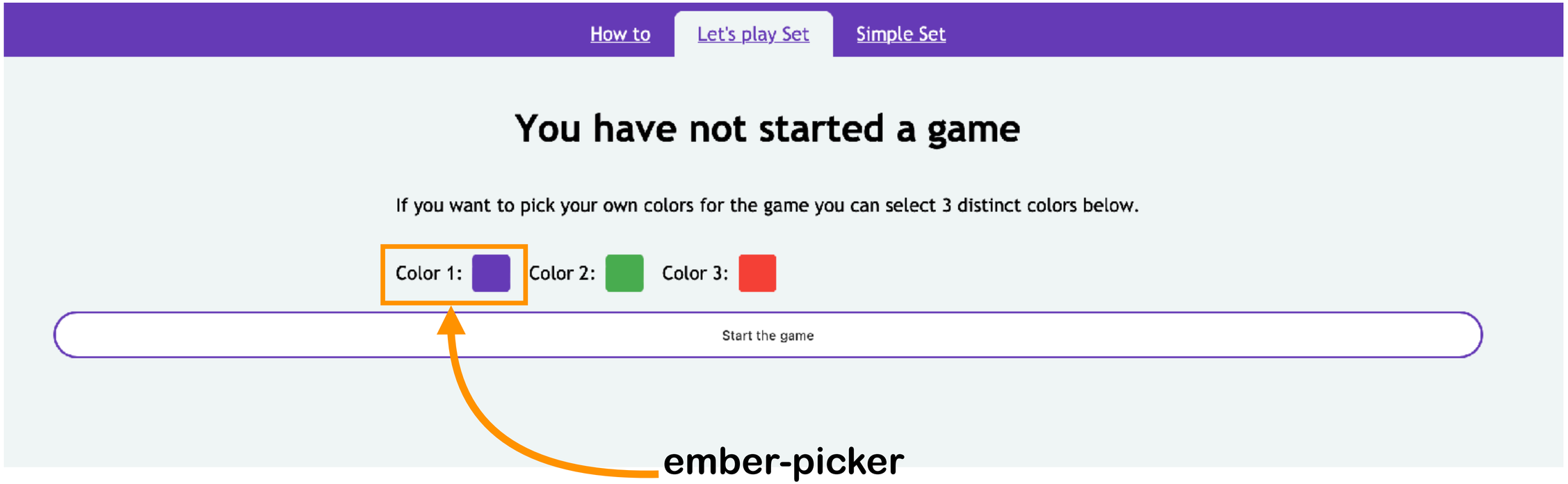
No Blue

No Color


How to
Let's play Set
Simple Set
You have not started a game
If you want to pick your own colors for the game you can select 3 distinct colors below.
Color 1:
Color 2:
Color 3:
Start the game


How to
Let's play Set
Simple Set
You have not started a game
If you want to pick your own colors for the game you can select 3 distinct colors below.
Color 1:
#673ab7
Ok


How to
Let's play Set
Simple Set
You have not started a game
If you want to pick your own colors for the game you can select 3 distinct colors below.
Color 1:
#673ab7
Ok
ember-picker




```
<p local-class="picker-label">
  Color 1: <Picker @color={{this.color1}} @onDone={{fn this.onDone 'color1'}} />
</p>
```

PURPOSE

Don’t Overcomplicate!

FOCUS

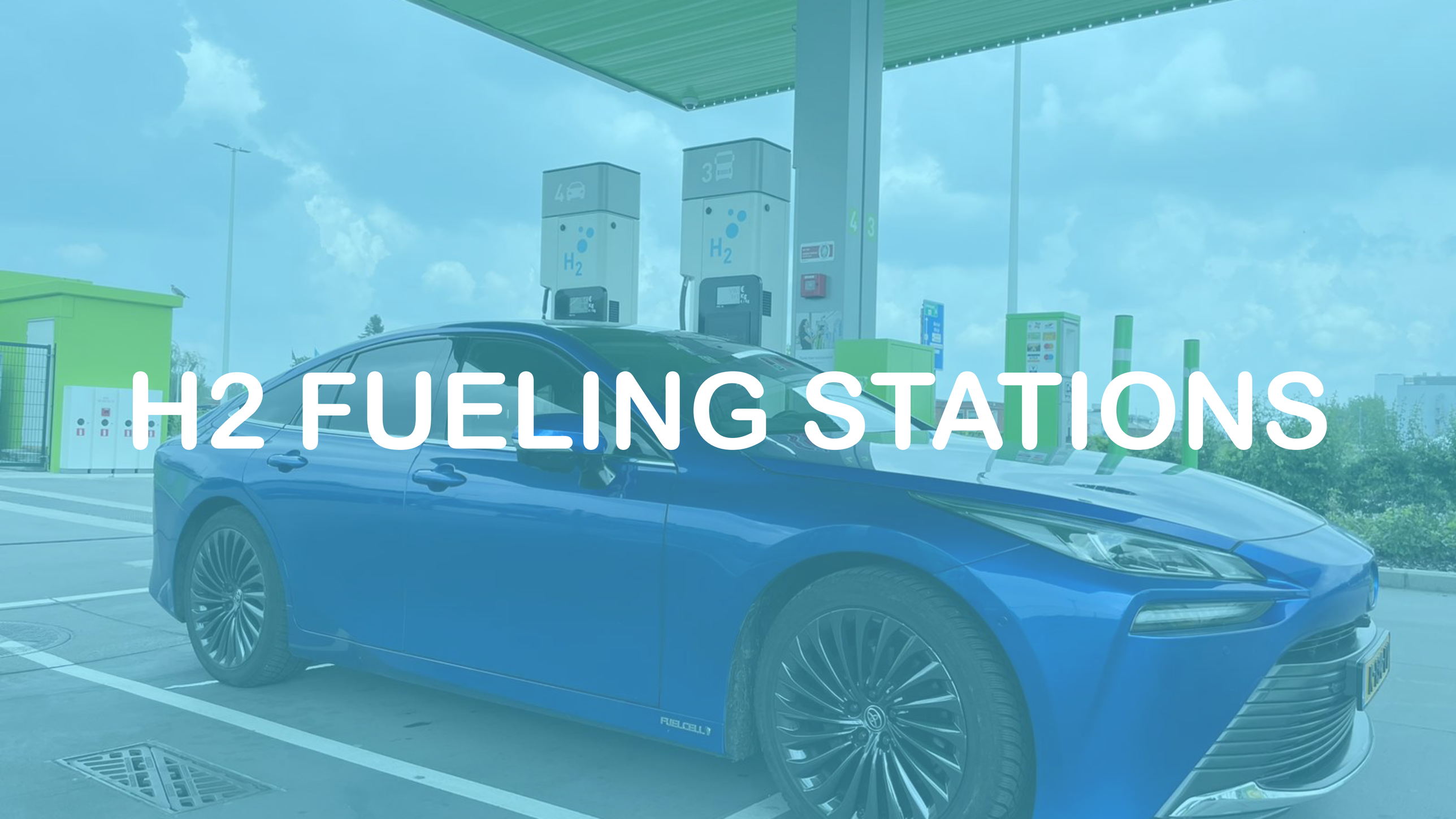
Think About Future You

You Are Allowed To Pivot

TOOLS

Linting

Useful Addons


H2 FUELING STATIONS

PURPOSE

Provide Dutch hydrogen car drivers with up-to-date price information readable on their phone

INCREMENTS

Commits on Mar 9, 2023

Closed styling update + word-break exception messages
MinThaMie committed on Mar 9 ✕
Verified b0835f0

Commits on Mar 8, 2023

Close to me tab, showing stations within 250km
MinThaMie committed on Mar 8
Verified a438c29

Update design
MinThaMie committed on Mar 8
Verified 0525b0a

Commits on Mar 7, 2023

Add Europe data too
MinThaMie committed on Mar 7
Verified 8abd97c

Commits on Mar 4, 2023

New icons, updated style, normalize CSS & sorted by city
MinThaMie committed on Mar 4 ✕
Verified a62e440

Commits on Mar 1, 2023

Fix price because it's not part of the general API
MinThaMie committed on Mar 1 ✕
Verified 9f0c979

Use individual status for fuel types + update API to support this
MinThaMie committed on Mar 1 ✕
Verified a98e421

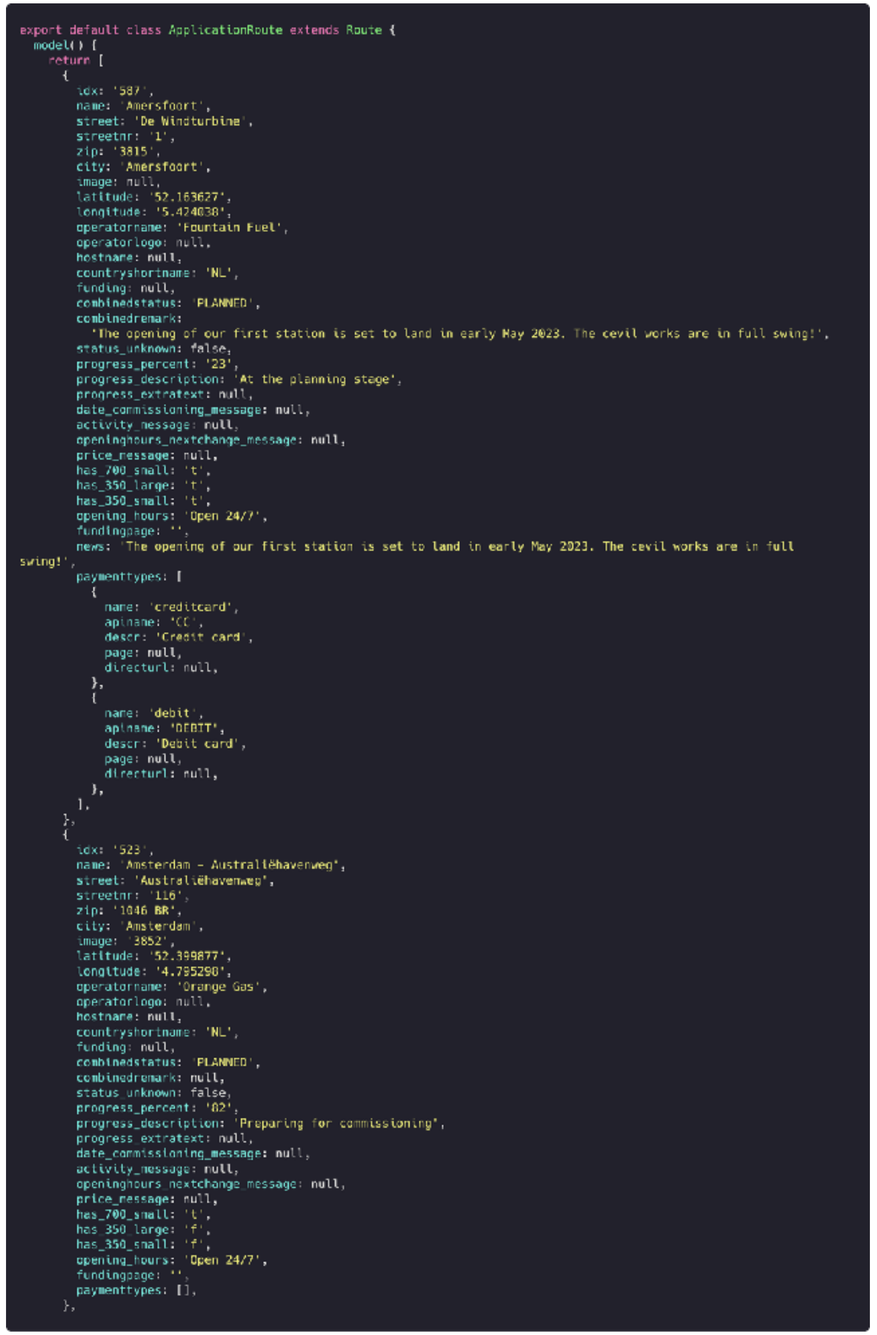
Commits on Feb 24, 2023

Use Netlify functions + update styling
MinThaMie committed on Feb 24 ✕
Verified feec029

MVP with static data
MinThaMie committed on Feb 24 ✓
Verified 5dc6e69

MVP with static data

MinThaMie committed on Feb 24



```
export default class ApplicationRoute extends Route {
  model() {
    return [
      {
        idx: '587',
        name: 'Amersfoort',
        street: 'De Windturbine',
        streetnr: '1',
        zip: '3815',
        city: 'Amersfoort',
        image: null,
        latitude: '52.163627',
        longitude: '5.424038',
        operatorname: 'Fountain Fuel',
        operatorlogo: null,
        hostname: null,
        countryshortname: 'NL',
        funding: null,
        combinedstatus: 'PLANNED',
        combinedremark:
          'The opening of our first station is set to land in early May 2023. The cevil works are in full swing!',
        status_unknown: false,
        progress_percent: '23',
        progress_description: 'At the planning stage',
        progress_extratext: null,
        date_commissioning_message: null,
        activity_message: null,
        openinghours_nextchange_message: null,
        price_message: null,
        has_700_small: 't',
        has_350_large: 't',
        has_350_small: 't',
        opening_hours: 'Open 24/7',
        fundingpage: '',
        news: 'The opening of our first station is set to land in early May 2023. The cevil works are in full
swing!',
        paymenttypes: [
          {
            name: 'creditcard',
            apiname: 'CC',
            descr: 'Credit card',
            page: null,
            directurl: null,
          },
          {
            name: 'debit',
            apiname: 'DEBIT',
            descr: 'Debit card',
            page: null,
            directurl: null,
          },
        ],
      },
      {
        idx: '523',
        name: 'Amsterdam - Australiëhavenweg',
        street: 'Australiëhavenweg',
        streetnr: '116',
        zip: '1046 BR',
        city: 'Amsterdam',
        image: '3852',
        latitude: '52.399877',
        longitude: '4.785290',
        operatorname: 'Orange Gas',
        operatorlogo: null,
        hostname: null,
        countryshortname: 'NL',
        funding: null,
        combinedstatus: 'PLANNED',
        combinedremark: null,
        status_unknown: false,
        progress_percent: '02',
        progress_description: 'Preparing for commissioning',
        progress_extratext: null,
        date_commissioning_message: null,
        activity_message: null,
        openinghours_nextchange_message: null,
        price_message: null,
        has_700_small: 't',
        has_350_large: 'f',
        has_350_small: 'f',
        opening_hours: 'Open 24/7',
        fundingpage: '',
        paymenttypes: [],
      },
```

```
{
  idx: '479',
  name: 'Arnhem',
  street: 'Westervoortsedijk  ',
  streetnr: '71C',
  zip: '6827 AV',
  city: 'Arnhem',
  image: '2337',
  latitude: '51.970573',
  longitude: '5.946628',
  operatorname: 'PitPoint clean fuels B.V.',
  operatorlogo: null,
  hostname: null,
  operatorhotline: '+31 30 410 08 88',
  countryshortname: 'NL',
  funding: null,
  combinedstatus: 'OPEN',
  combinedremark: null,
  status_unknown: false,
  progress_percent: null,
  progress_description: null,
  progress_extratext: null,
  date_commissioning_message: null,
  activity_message: null,
  openinghours_nextchange_message: null,
  price_message: 'EUR 18.50 / kg',
  has_700_small: 't',
  has_350_small: 't',
  has_350_large: 't',
  opening_hours: 'Open 24/7',
  fundingpage: '',
  paymentinfo: 'Debit and credit cards',
  paymenttypes: [
    {
      name: 'creditcard',
      apiname: 'CC',
      descr: 'Credit card',
      page: null,
      directurl: null,
    },
    {
      name: 'debit',
      apiname: 'DEBIT',
      descr: 'Debit card',
      page: null,
      directurl: null,
    },
    {
      name: 'multitank',
      apiname: 'MULTITANK',
      descr: 'MultiTankcard',
      page: null,
      directurl: null,
    },
    {
      name: 'total_card',
      apiname: 'TOTAL',
      descr: 'TOTAL fuel card',
      page: null,
      directurl: null,
    },
    {
      name: 'travelcard',
      apiname: 'TRAVELCARD',
      descr: 'travelcard',
      page: null,
      directurl: null,
    },
  ],
},
```

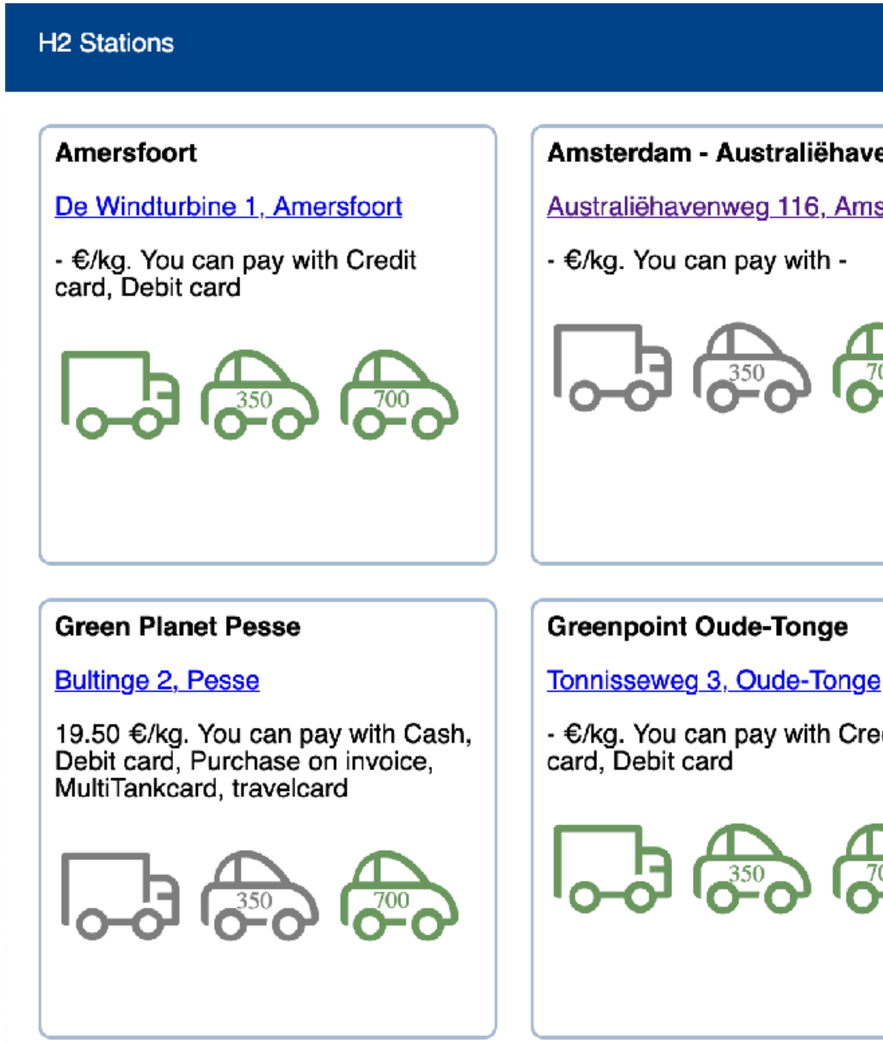
```
{
        idx: '413',
        name: 'BP Kerkhof & Zn',
        street: 'Binckhorstlaan',
        streetnr: '100',
        zip: '2516',
        city: 'Den Haag',
        image: '3448',
        latitude: '52.0715768',
        longitude: '4.3353721',
        operatorname: 'BP Kerkhof & Zn',
        operatorlogo: null,
        hostname: null,
        operatorhotline: '+31 70 347 35 04',
        countryshortname: 'NL',
        funding: null,
        combinedstatus: 'OPEN',
        combinedremark: null,
        status_unknown: false,
        progress_percent: null,
        progress_description: null,
        progress_extratext: null,
        date_commissioning_message: null,
        activity_message: null,
        openinghours_nextchange_message: '',
        price_message: 'EUR 18.95 / kg',
        has_700_small: 't',
        has_350_small: 't',
        has_350_large: 't',
        opening_hours: 'Mon-Sun: 05:00-24:00',
        fundingpage: '',
        paymenttypes: [
          {
            name: 'cash',
            apiname: 'CASH',
            descr: 'Cash',
            page: null,
            directurl: null,
          },
          {
            name: 'creditcard',
            apiname: 'CC',
            descr: 'Credit card',
            page: null,
            directurl: null,
          },
          {
            name: 'debit',
            apiname: 'DEBIT',
            descr: 'Debit card',
            page: null,
            directurl: null,
          },
          {
            name: 'girocard',
            apiname: 'girocard',
            descr: 'girocard',
            page: null,
            directurl: null,
          },
          {
            name: 'dkv',
            apiname: 'DKV',
            descr: 'DKV fuel card',
            page: null,
            directurl: null,
          },
          {
            name: 'multitank',
            apiname: 'MULTITANK',
            descr: 'MultiTankcard',
            page: null,
            directurl: null,
          },
          {
            name: 'routex',
            apiname: 'ROUTEX',
            descr: 'Routex fuel card',
            page: null,
            directurl: null,
          },
          {
            name: 'travelcard',
            apiname: 'TRAVELCARD',
            descr: 'travelcard',
            page: null,
            directurl: null,
          },
        ],
      },
```

```
{
  idx: '585',
  name: 'GP Groot',
  street: 'Diamantweg',
  streetnr: '32',
  zip: '1812 RC',
  city: 'Alkmaar',
  image: null,
  latitude: '52.60287',
  longitude: '4.75282',
  operatorname: null,
  operatorlogo: null,
  hostname: null,
  countryshortname: 'NL',
  funding: null,
  combinedstatus: 'PLANNED',
  combinedremark: null,
  status_unknown: false,
  progress_percent: '23',
  progress_description: 'At the planning stage',
  progress_extratext: null,
  date_commissioning_message: null,
  activity_message: null,
  openinghours_nextchange_message: null,
  price_message: null,
  has_700_small: 't',
  has_350_small: 't',
  has_350_large: 't',
  opening_hours: 'Open 24/7',
  fundingpage: '',
  paymenttypes: [],
},
{
  idx: '465',
  name: 'Green Planet Pesse',
  street: 'Bultinge',
  streetnr: '2',
  zip: '7933TZ',
  city: 'Pesse',
  image: '6458',
  latitude: '52.77393',
  longitude: '6.445174',
  operatorname: 'Green Planet',
  operatorlogo: '3054',
  hostname: null,
  operatorhotline: null,
  countryshortname: 'NL',
  funding: null,
  combinedstatus: 'OPEN',
  combinedremark: null,
  status_unknown: false,
  progress_percent: null,
  progress_description: null,
  progress_extratext: null,
  date_commissioning_message: null,
  activity_message: null,
  openinghours_nextchange_message: null,
  price_message: 'EUR 19.50 / kg',
  has_700_small: 't',
  has_350_large: 'f',
  has_350_small: 'f',
  opening_hours: 'Open 24/7',
  fundingpage: '',
  comments:
    'High convenience multi fuel station with coffee, snacks, petit res
  paymenttypes: [
    {
      name: 'cash',
      apiname: 'CASH',
      descr: 'Cash',
      page: null,
      directurl: null,
    },
    {
      name: 'debit',
      apiname: 'DEBIT',
      descr: 'Debit card',
      page: null,
      directurl: null,
    },
    {
      name: 'invoice',
      apiname: 'PURCHASE ON INVOICE',
      descr: 'Purchase on invoice',
      page: null,
      directurl: null,
    },
    {
      name: 'multitank',
      apiname: 'MULTITANK',
      descr: 'MultiTankcard',
      page: null,
      directurl: null,
    },
    {
      name: 'travelcard',
      apiname: 'TRAVELCARD',
      descr: 'travelcard',
      page: null,
      directurl: null,
    },
  ],
},
```

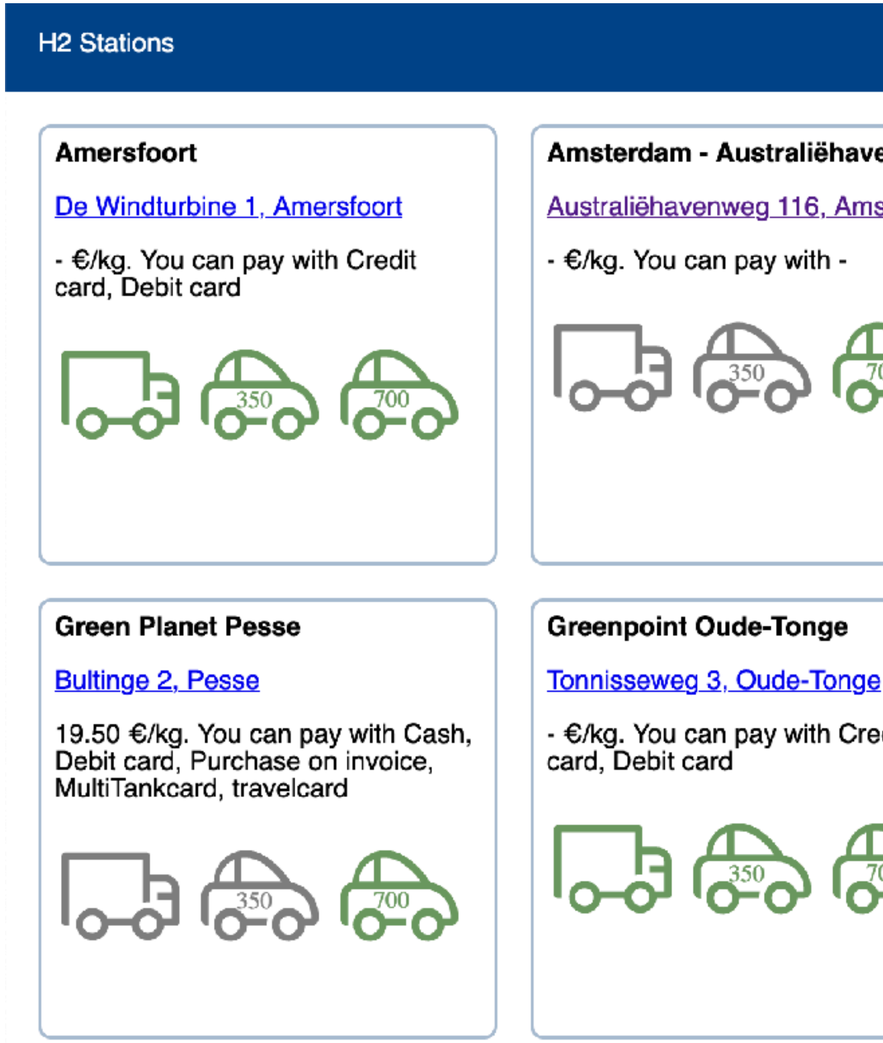
```
export default class ApplicationRoute extends Route {
  model() {
    return [
      {
        idx: '587',
        name: 'Amersfoort',
        street: 'De Windturbine',
        streetnr: '1',
        zip: '3815',
        city: 'Amersfoort',
        image: null,
        latitude: '52.163627',
        longitude: '5.424038',
        operatorname: 'Fountain Fuel',
        operatorlogo: null,
        hostname: null,
        countryshortname: 'NL',
        funding: null,
        combinedstatus: 'PLANNED',
        combinedremark:
          'The opening of our first station is set to land in early May 2023. The cevil works are in full swing!',
        status_unknown: false,
        progress_percent: '23',
        progress_description: 'At the planning stage',
        progress_extratext: null,
        date_commissioning_message: null,
        activity_message: null,
        openinghours_nextchange_message: null,
        price_message: null,
        has_700_small: 't',
        has_350_large: 't',
        has_350_small: 't',
        opening_hours: 'Open 24/7',
```

```
export default class ApplicationRoute extends Route {
  model() {
    return [
      {
        idx: '587',
        name: 'Amersfoort',

   }].map((station) => {
        const price = station.price_message?.match(/\d+.\d+/g)[0] || '-';
        const status = station.combinedstatus
          .split(' ')
          .map((c) => c.charAt(0) + c.toLowerCase().slice(1))
          .join(' ');
        const address =
          station.street + ' ' + station.streetnr + ', ' + station.city;
        const coor = station.latitude + ',' + station.longitude;
        const has_700_small = 't' === station.has_700_small;
        const has_350_large = 't' === station.has_350_large;
        const has_350_small = 't' === station.has_350_small;
        const payments =
          station.paymenttypes.map((type) => type.descr).join(', ') || '-';
        return {
          name: station.name,
          price: price,
          address: address,
          status: status,
          coor: coor,
          has_700_small: has_700_small,
          has_350_large: has_350_large,
          has_350_small: has_350_small,
          payments: payments,
        };
      });
```

```
{{#each @model as |st| }}
  <Listitem @name={{st.name}} @address={{st.address}}
    @price={{st.price}} @payments={{st.payments}}
    @coor={{st.coor}} @has350large={{st.has_350_large}}
    @has350small={{st.has_350_small}}
    @has700small={{st.has_700_small}}/>
{{/each}}
```



```
{{#each @model as |st| }}
  <Listitem @name={{st.name}} @address={{st.address}}
    @price={{st.price}} @payments={{st.payments}}
    @coor={{st.coor}} @has350large={{st.has_350_large}}
    @has350small={{st.has_350_small}}
    @has700small={{st.has_700_small}}/>
{{/each}}
```

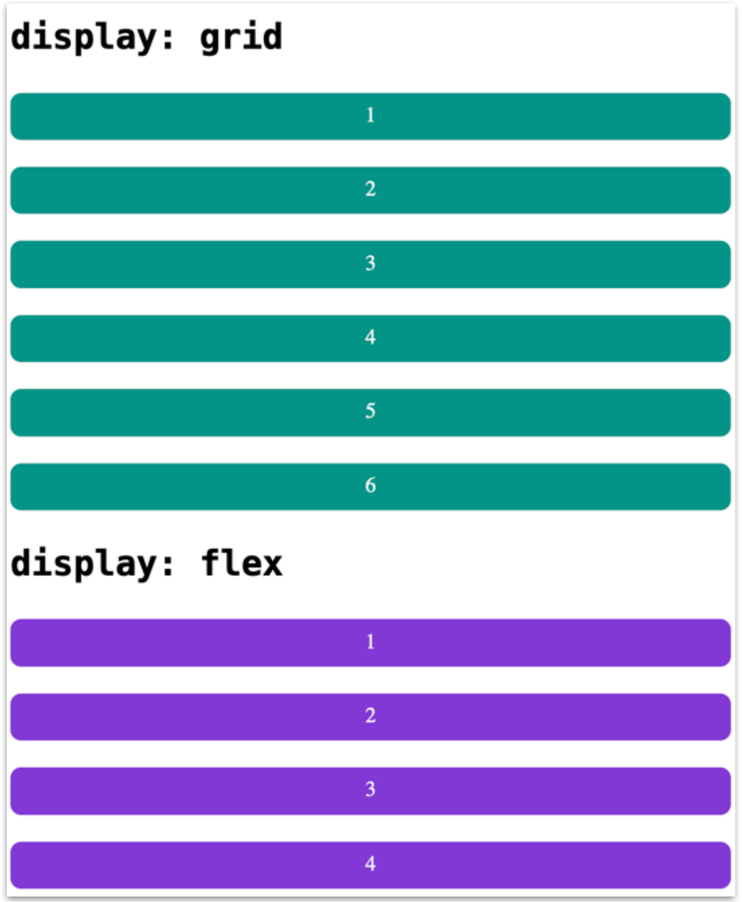


RESPONSIVENESS

Readable on their phone

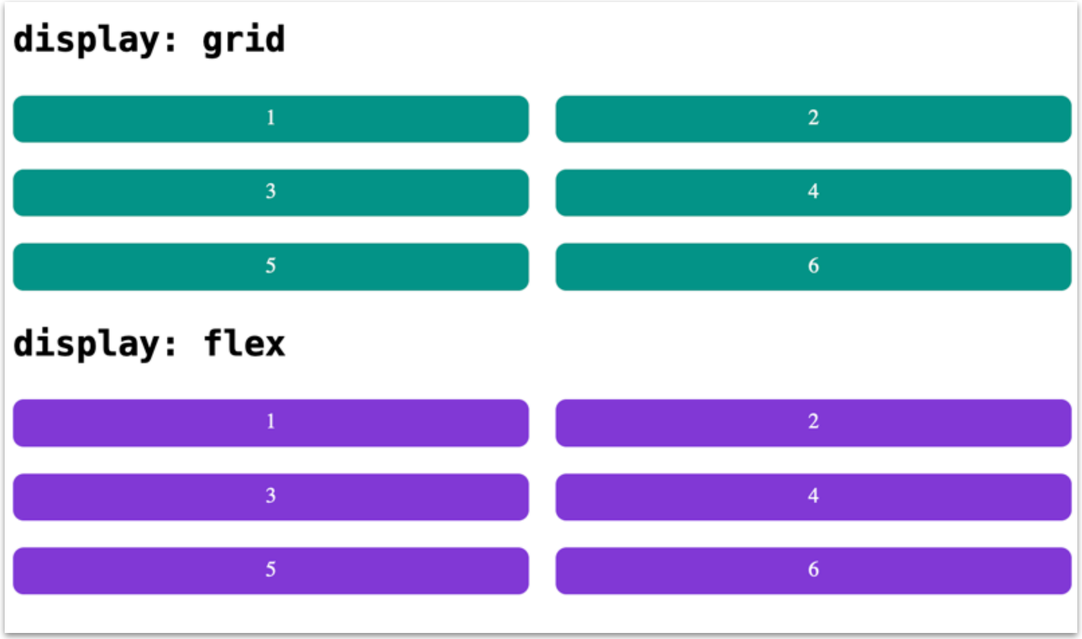
display: flex

display: grid



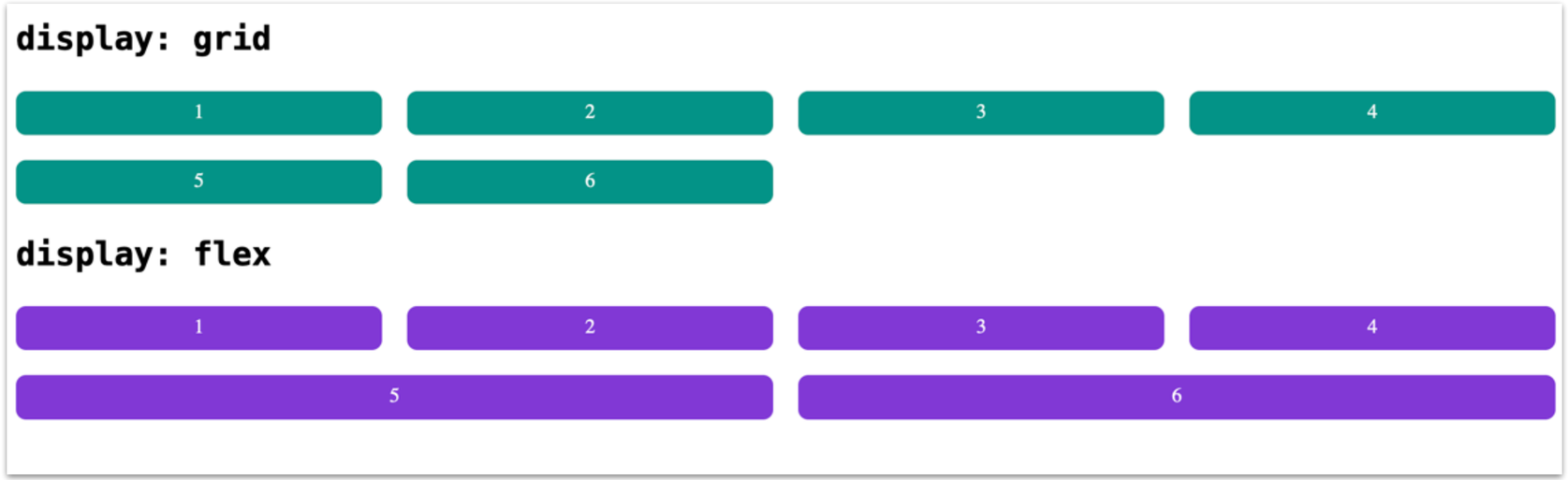
display: flex

display: grid



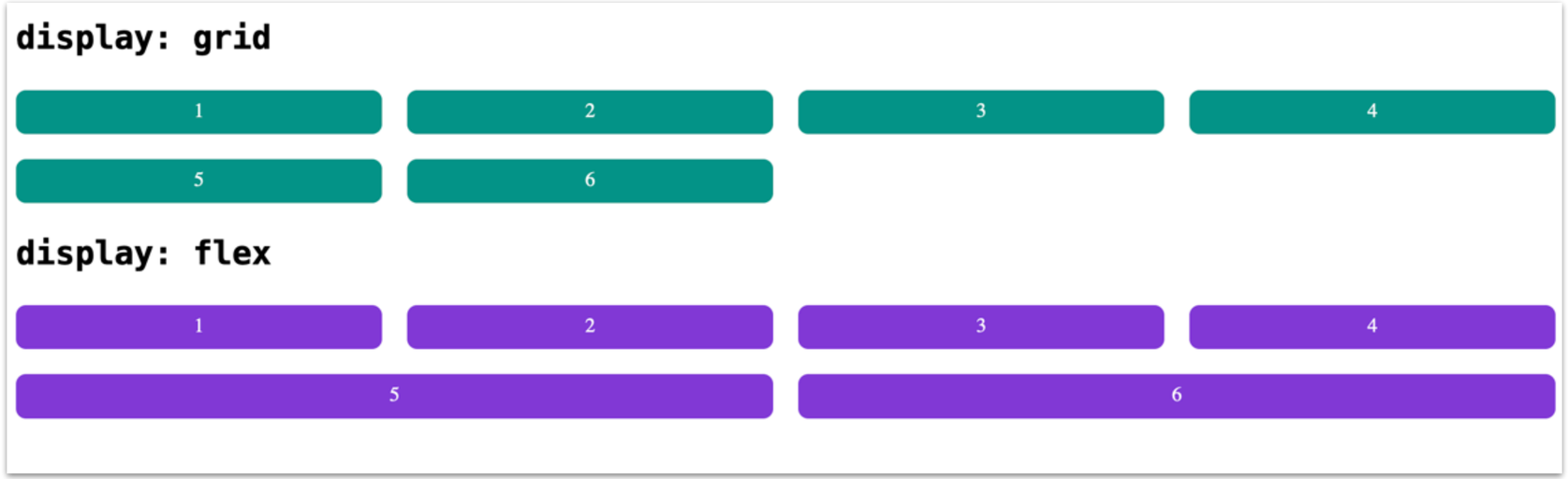
display: flex

display: grid



display: flex

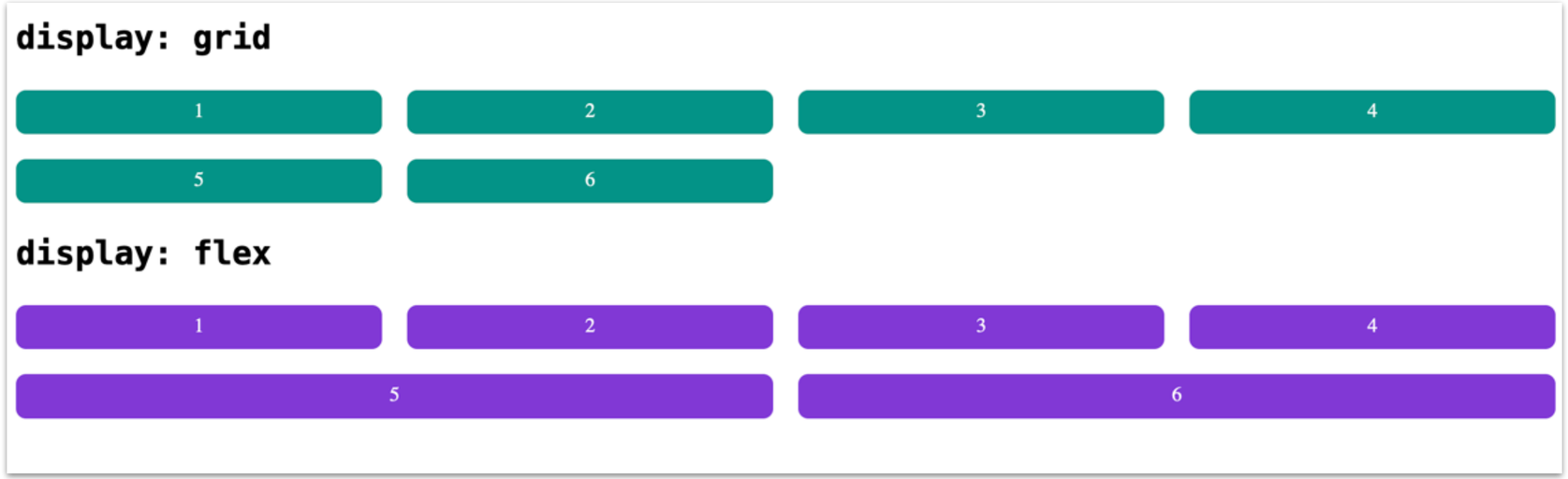
display: grid




```
display: grid;
grid-template-columns: repeat(auto-fit,
minmax(275px, 1fr));
gap: 20px;
```

display: flex

display: grid

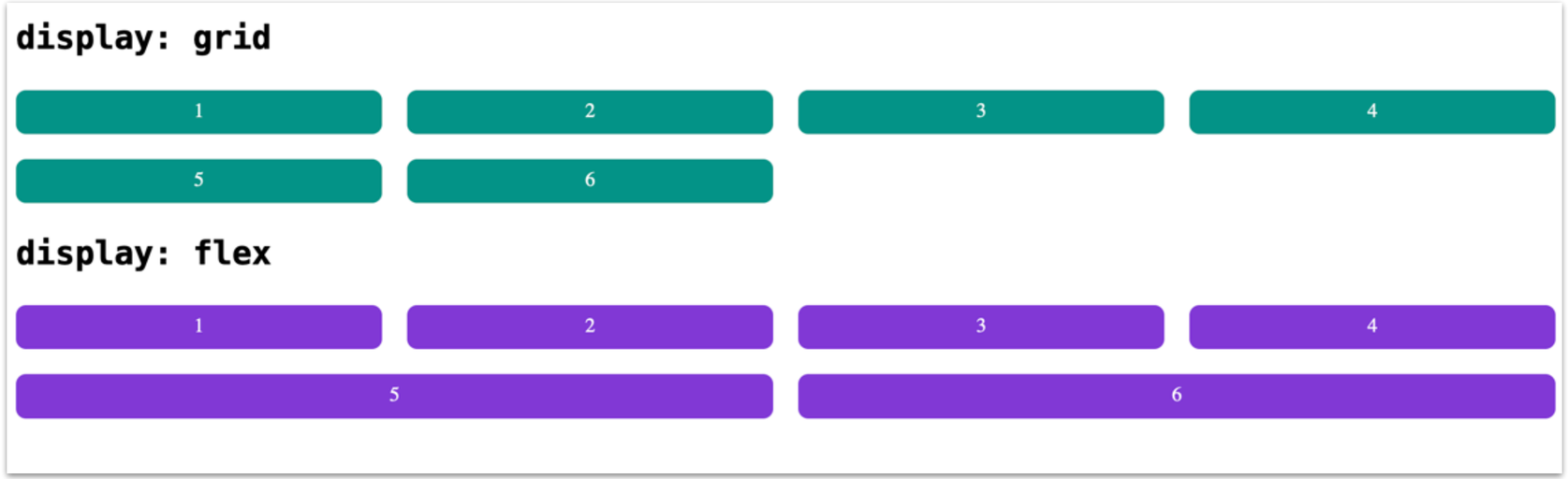



```
display: flex;
gap: 20px;
flex-wrap: wrap
```

```
display: grid;
grid-template-columns: repeat(auto-fit,
minmax(275px, 1fr));
gap: 20px;
```

display: flex

display: grid




```
display: flex;
gap: 20px;
flex-wrap: wrap
```

```
flex: 1 0 275px;
```

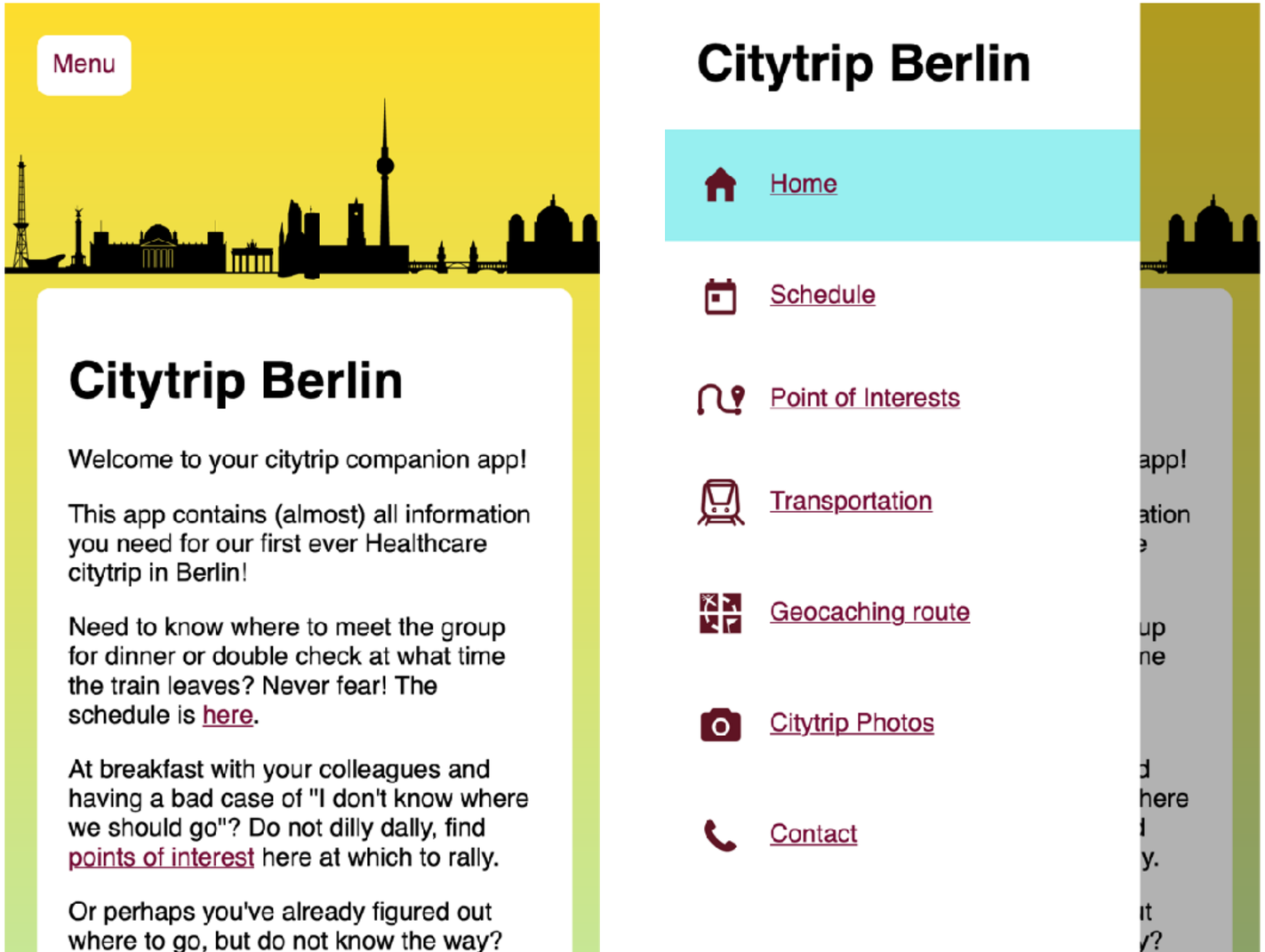
```
display: grid;
grid-template-columns: repeat(auto-fit,
minmax(275px, 1fr));
gap: 20px;
```

Mobile experience: ember-web-app

```
return {
  name: 'Set the Game',
  short_name: 'Set',
  description: 'Digital version of the card game,
Set',
  start_url: '/',
  scope: '/',
  display: 'standalone',
  background_color: '#673ab7',
  theme_color: '#673ab7',
  icons: [
    {
      src: '/images/logo/logo.png',
      sizes: '180x180',
    },
    {
      src: '/images/logo/logo.png',
      sizes: '180x180',
      targets: ['favicon'],
    },
    {
      src: '/images/logo/splash-screen.png',
      sizes: '512x512',
    },
  ],
  ms:
    tileColor: '#673ab7',
  },
};
```

Mobile experience: ember-mobile-menu

```
<MobileMenuWrapper as |mmw|>
  <mmw.MobileMenu as |mm|>
    <mm.LinkTo @route="index">Home</mm.LinkTo>
  </mmw.MobileMenu>

  <mmw.Content>
    <mmw.Toggle>Menu</mmw.Toggle>
     {{outlet}}
  </mmw.Content>
</MobileMenuWrapper>
```



PURPOSE

Up-To-Date Price Information

TOOL

Netlify Functions

“Deploy server-side code that works as API endpoints, runs automatically in response to events, or processes more complex jobs in the background.”

NETLIFY.COM

netlify/functions/stations.js

```
const fetch = require('node-fetch');

const API_ENDPOINT =
  'https://my.h2.live/ceemes/base.php?
__type__=fuelstation&action=xmllist&__status_fueltype__=P700_SMALL&__show_permclosed
__=1&__language__=en&__transform__=json&__fieldsin__=idx,name,s...';

exports.handler = async (event, context) => {
  try {
    let response = await fetch(API_ENDPOINT, {
      headers: { Accept: 'application/json' },
    });
    let data = await response.json();
    return {
      statusCode: 200,
      body: JSON.stringify(
        data.fuelstation.filter(
          (station) =>
            station.countryshortname === 'NL' &&
            station.combinedstatus !== 'PLANNED'
        )
      ),
      headers: {
        'Content-Type': 'application/json; charset=utf-8',
        'Access-Control-Allow-Origin': '*',
      },
    };
  } catch (error) {
    return { statusCode: 422, body: String(error) };
  }
};
```

netlify/functions/stations.js

```
const fetch = require('node-fetch');

const API_ENDPOINT =
  'https://my.h2.live/ceemes/base.php?
__type__=fuelstation&action=xmllist&__status_fueltype__=P700_SMALL&__show_permclosed
__=1&__language__=en&__transform__=json&__fieldsin__=idx,name,s...';

exports.handler = async (event, context) => {
  try {
    let response = await fetch(API_ENDPOINT, {
      headers: { Accept: 'application/json' },
    });
    let data = await response.json();
    return {
      statusCode: 200,
      body: JSON.stringify(
        data.fuelstation.filter(
          (station) =>
            station.countryshortname === 'NL' &&
            station.combinedstatus !== 'PLANNED'
        )
      ),
      headers: {
        'Content-Type': 'application/json; charset=utf-8',
        'Access-Control-Allow-Origin': '*',
      },
    };
  } catch (error) {
    return { statusCode: 422, body: String(error) };
  }
};
```

netlify/functions/stations.js

```
const fetch = require('node-fetch');

const API_ENDPOINT =
  'https://my.h2.live/ceemes/base.php?
__type__=fuelstation&action=xmllist&__status_fueltype__=P700_SMALL&__show_permclosed
__=1&__language__=en&__transform__=json&__fieldsin__=idx,name,s...';

exports.handler = async (event, context) => {
  try {
    let response = await fetch(API_ENDPOINT, {
      headers: { Accept: 'application/json' },
    });
    let data = await response.json();
    return {
      statusCode: 200,
      body: JSON.stringify(
        data.fuelstation.filter(
          (station) =>
            station.countryshortname === 'NL' &&
            station.combinedstatus !== 'PLANNED'
        )
      ),
      headers: {
        'Content-Type': 'application/json; charset=utf-8',
        'Access-Control-Allow-Origin': '*',
      },
    };
  } catch (error) {
    return { statusCode: 422, body: String(error) };
  }
};
```

config/enviroment.js

```
if (environment === 'development') {
  ENV.APP.API_URL = 'http://localhost:9999/.netlify/functions/stations';
}

if (environment === 'production') {
  ENV.APP.API_URL = 'https://h2tanken.netlify.app/stations';
}
```

H2 Tanken

Arnhem

Westervoortsedijk 71C, Arnhem

19.95 €/kg. You can pay with Credit card, Debit card, MultiTankcard, TOTAL fuel card, travelcard

BP Kerkhof & Zn

Binckhorstlaan 100, Den Haag

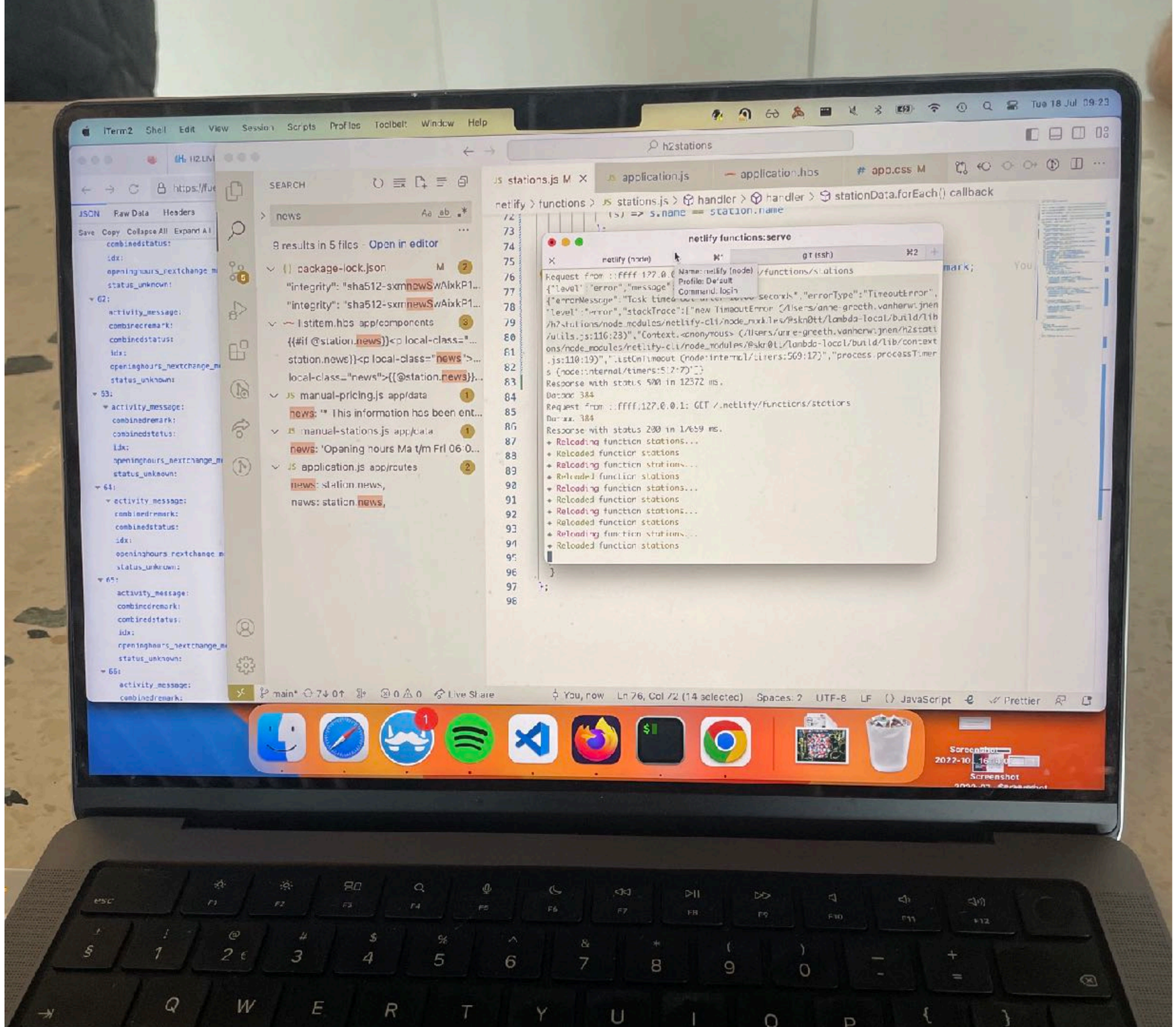
16.95 €/kg. You can pay with Cash, Credit card, Debit card, girocard, DKV fuel card, MultiTankcard, Routex fuel card, travelcard

Green Planet Pesse

Bultinge 2, Pesse

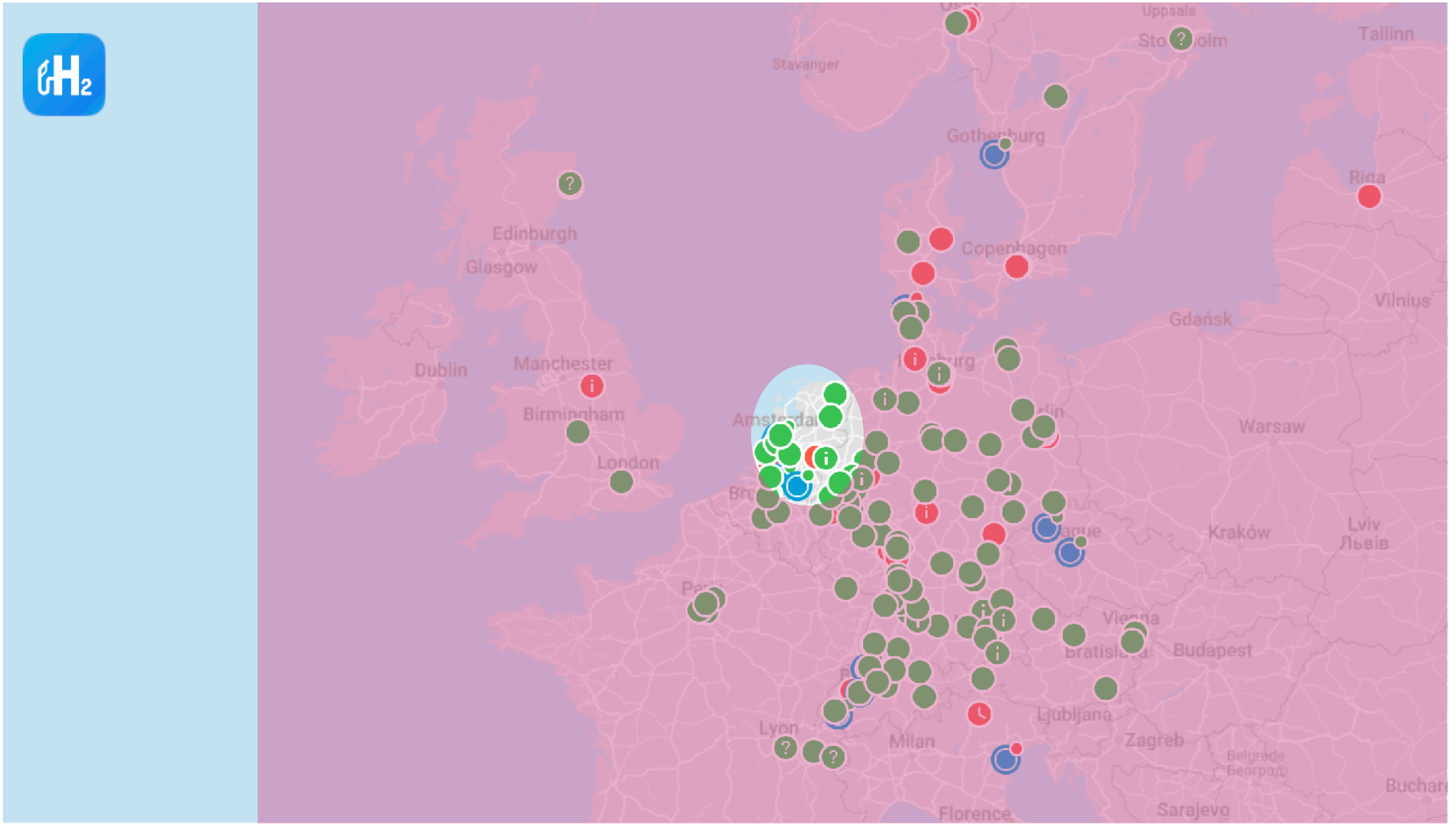
19.50 €/kg. You can pay with Cash, Debit card, Purchase on invoice, MultiTankcard, travelcard

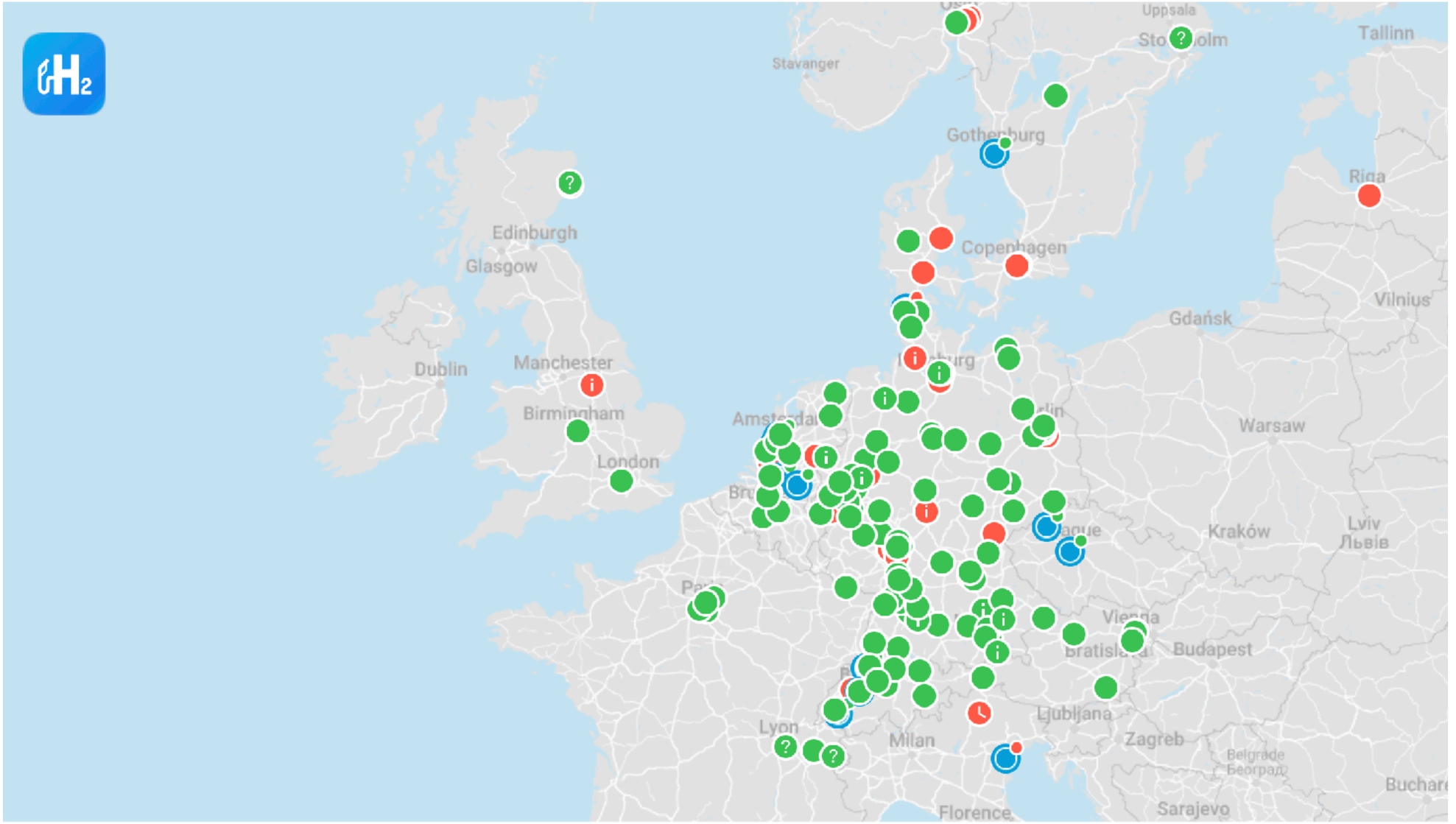
DISCLAIMER


netlify functions:serve
Reloading function stations...
Reloaded function stations

PURPOSE

Vacation 🌴⛺🗺️


Uppsala
Tallinn
Stavanger
Gothenburg
Riga
Edinburgh
Glasgow
Copenhagen
Vilnius
Gdańsk
Dublin
Manchester
Birmingham
London
Warsaw
Kraków
Lviv
Львів
Vienna
Budapest
Ljubljana
Zagreb
Lyon
Milan
Belgrade
Florence
Sarajevo


Uppsala
Tallinn
Stavanger
Gothenburg
Riga
Edinburgh
Glasgow
Copenhagen
Vilnius
Gdańsk
Dublin
Manchester
Birmingham
Warsaw
London
Kraków
Lviv
Львів
Vienna
Budapest
Ljubljana
Lyon
Milan
Zagreb
Belgrade
Београд
Florence
Sarajevo

H2 Tanken

Austria | Belgium | Czech Republic | Denmark | France | Germany | Iceland | Italy | Latvia | Norway | Sweden | Switzerland | United Kingdom

Austria 🇦🇹

Asten

An der Bundesstraße 1, Asten

23.99 €/kg — You can pay with Cash, Credit card, Debit card

Graz

Ostbahnstraße 10, Graz

23.99 €/kg — You can pay with Cash, Credit card, Debit card

H2 Tanken

Austria | Belgium | Czech Republic | Denmark | France | Germany | Iceland | Italy | Latvia | Norway | Sweden | Switzerland | United Kingdom

Austria 🇦🇹

```
export default function countryflag(countryCode) {
  const codePoints = countryCode
    .toUpperCase()
    .split('')
    .map((char) => 127397 + char.charCodeAt());
  return String.fromCodePoint(...codePoints);
}
```

Asten

An der Bundesstraße 1, Asten

23.99 €/kg — You can pay with Cash, Credit card, Debit card

Graz

Ostbahnstraße 10, Graz

23.99 €/kg — You can pay with Cash, Credit card, Debit card

H2 Tanken

Austria | Belgium | Czech Republic | Denmark | France | Germany | Iceland | Italy | Latvia | Norway | Sweden | Switzerland | United Kingdom

Austria 🇦🇹

Asten

An der Bundesstraße 1, Asten

23.99 €/kg — You can pay with Cash, Credit card, Debit card

Graz

Ostbahnstraße 10, Graz

23.99 €/kg — You can pay with Cash, Credit card, Debit card

```
export default function countryflag(countryCode) {
  const codePoints = countryCode
    .toUpperCase()
    .split('')
    .map((char) => 127397 + char.charCodeAt());
  return String.fromCodePoint(...codePoints);
}
```

Unicode flags index

H2 Tanken

Austria | Belgium | Czech Republic | Denmark | France | Germany | Iceland | Italy | Latvia | Norway | Sweden | Switzerland | United Kingdom

Austria 🇦🇹

Asten

An der Bundesstraße 1, Asten

23.99 €/kg — You can pay with Cash, Credit card, Debit card

Graz

Ostbahnstraße 10, Graz

23.99 €/kg — You can pay with Cash, Credit card, Debit card

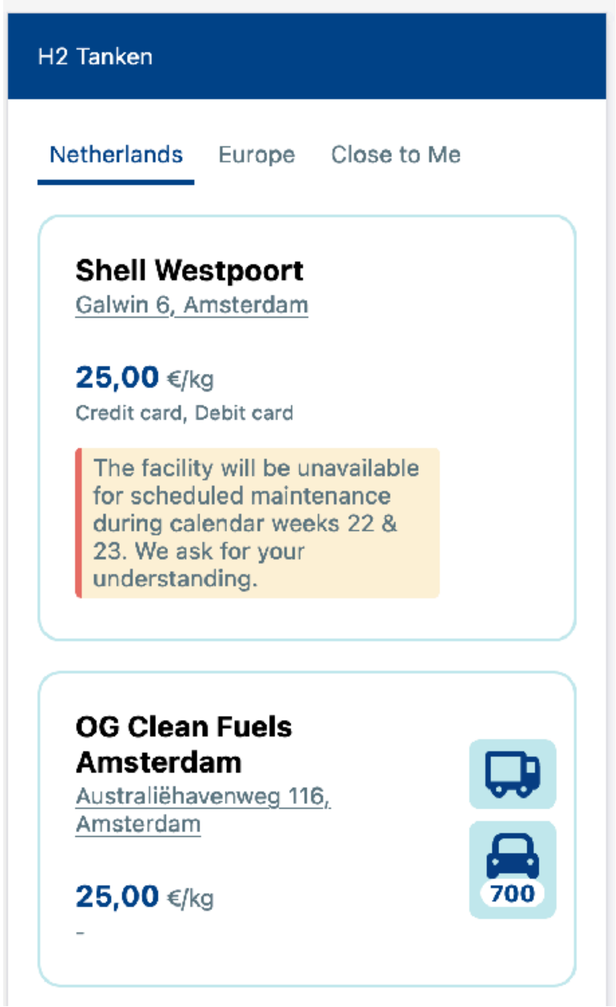
```
export default function countryflag(countryCode) {
  const codePoints = countryCode
    .toUpperCase()
    .split('')
    .map((char) => 127397 + char.charCodeAt());
  return String.fromCodePoint(...codePoints);
}
```

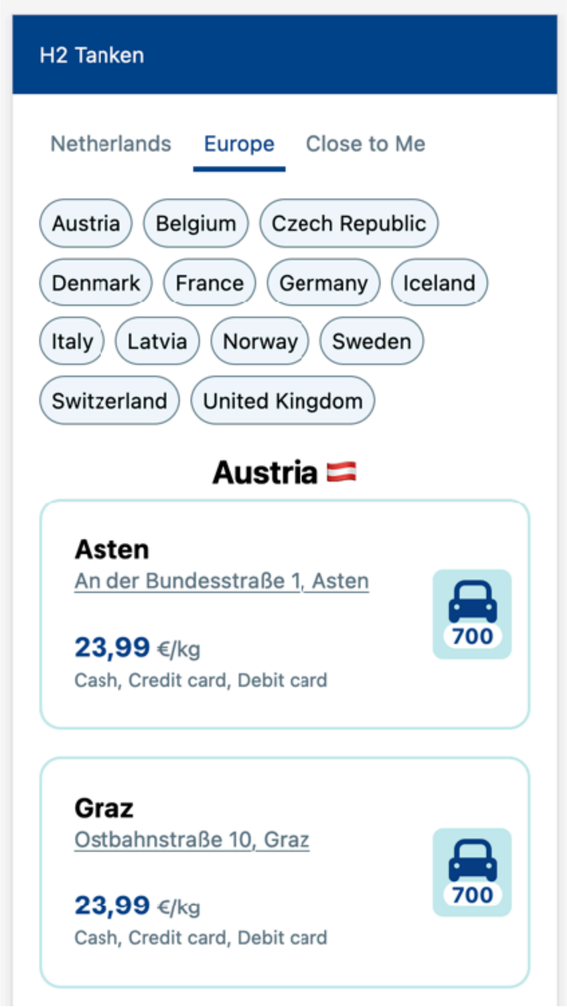
'🇳' + '🇱' = '🇳🇱'

FOCUS

Design

Limited Color Palette

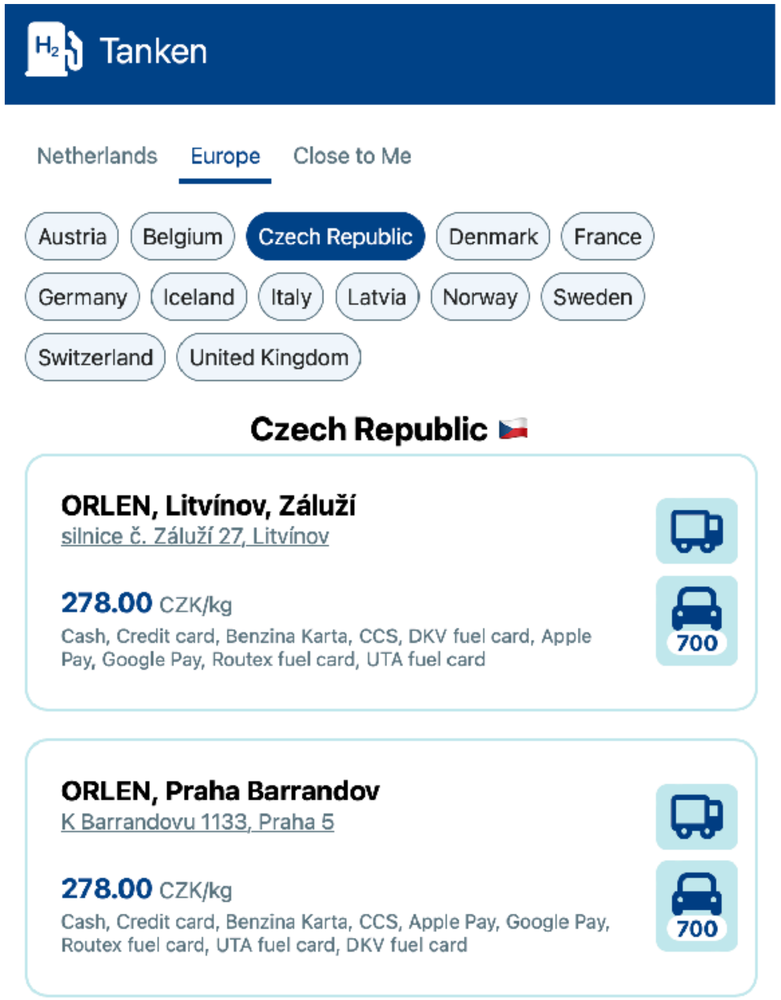





```
:root {
  --primary-color: #044389;
  --primary-light-color: #c1e9ec;
  --secondary-color: #ea6f66;
  --secondary-light-color: #FDF0D5;
  --grey: #5D7583;
}
```

Icon Improvement

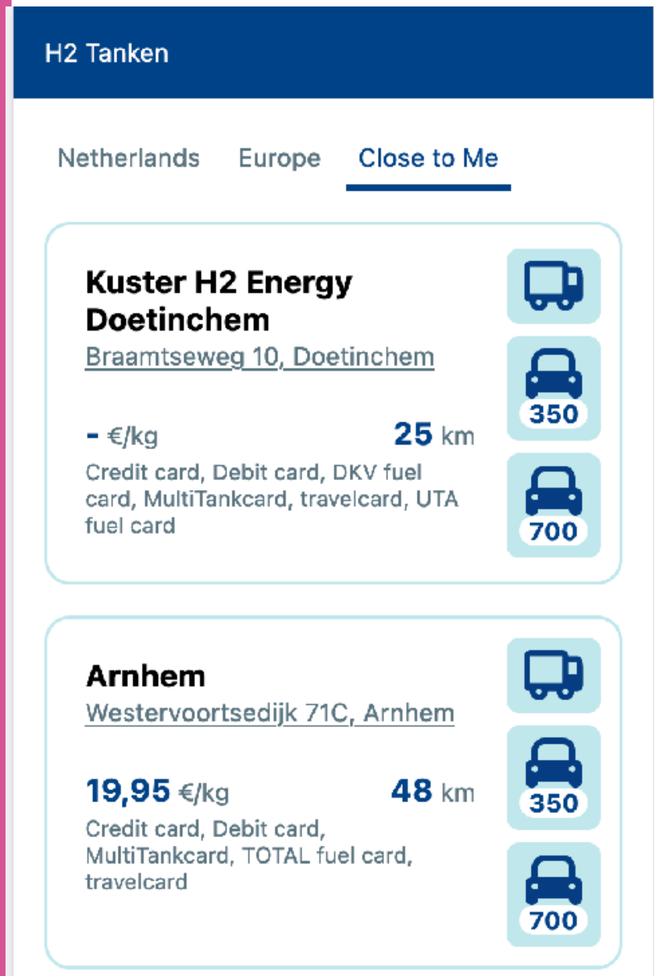
Chips



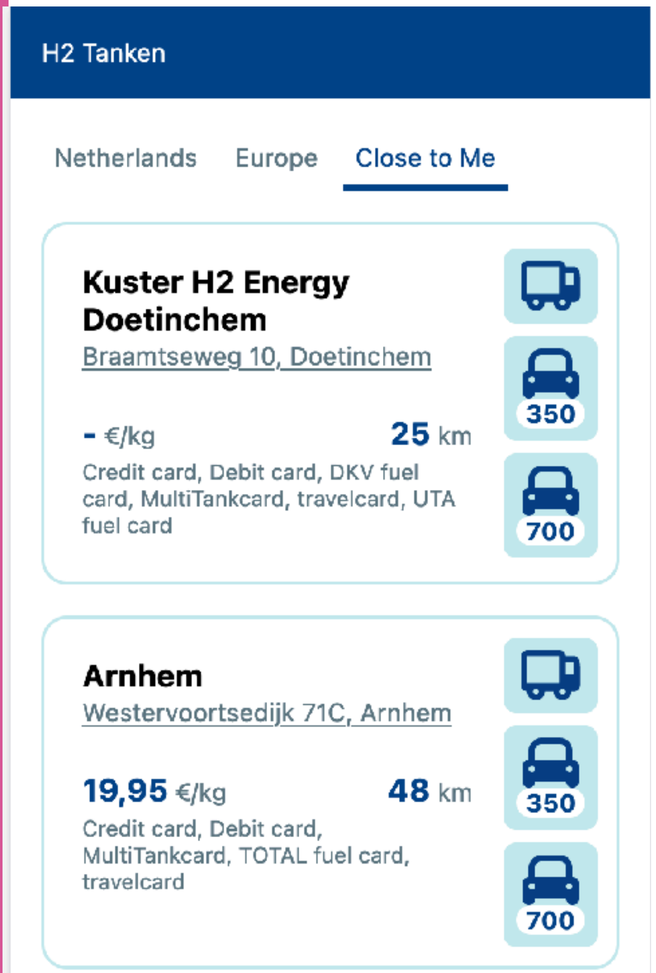

```css
.country-filter {
  display: flex;
  gap: 8px;
  flex-wrap: wrap;
  margin-bottom: 20px;
}

.choice-chip {
  background-color: var(--light-grey);
  border: 1px solid var(--grey);
  border-radius: 50px;
  padding: 8px;
}

.choice-chip.selected {
  background-color: var(--primary-color);
  color: white;
  border-color: var(--primary-color);
}
```

PURPOSE

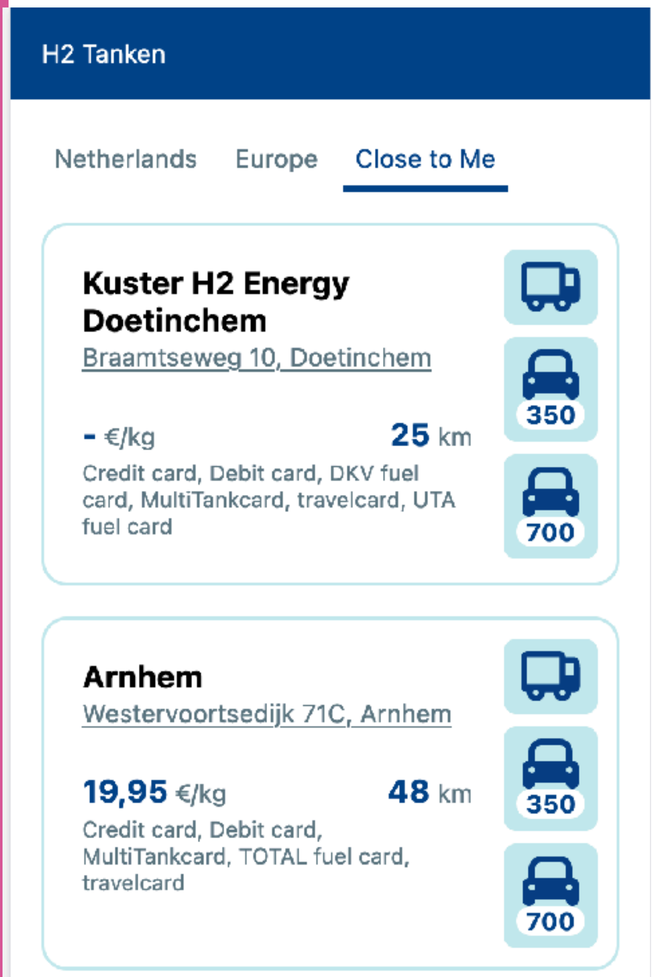
What is close to me?




```
export default class MapService extends Service {

  @tracked userLocation = null;

  async getUserLocation(options) {
    try {
      const result = await new Promise((resolve, reject) =>
        navigator.geolocation.getCurrentPosition(resolve, reject, options)
      );
      this.userLocation = [result.coords.latitude, result.coords.longitude];
    } catch (error) {
      console.warn(`ERROR(${error.code}): ${error.message}`);
    }
  }

  updateUserLocationTask = task(async () => {
    while (true) {
      await this.getUserLocation();
      await timeout(20000);
    }
  });
}
```

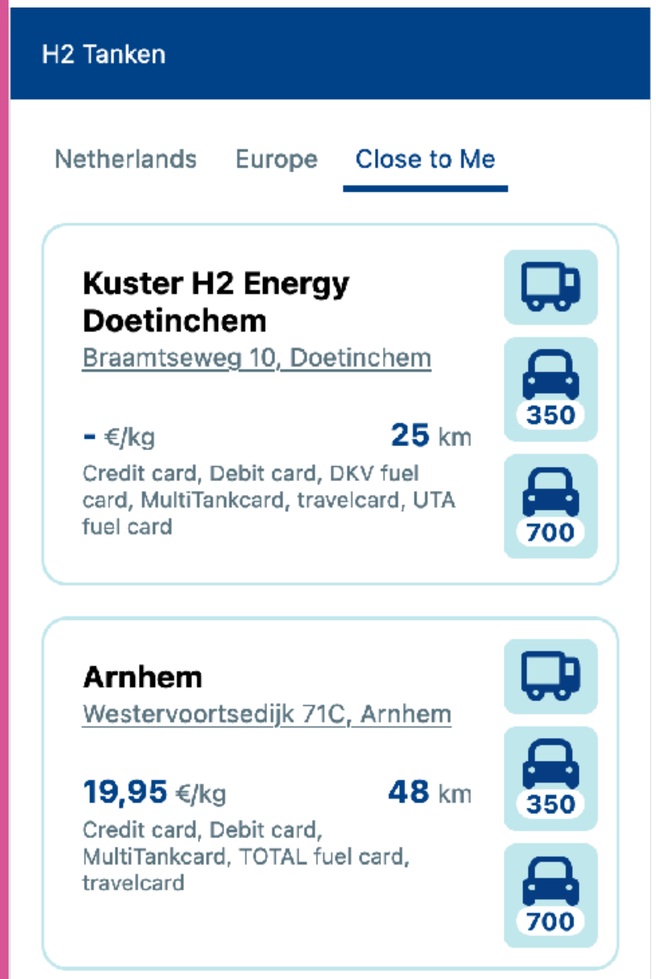



```
export default class MapService extends Service {
  @tracked userLocation = null;

  async getUserLocation(options) {
    try {
      const result = await new Promise((resolve, reject) =>
        navigator.geolocation.getCurrentPosition(resolve, reject, options)
      );
      this.userLocation = [result.coords.latitude, result.coords.longitude];
    } catch (error) {
      console.warn(`ERROR(${error.code}): ${error.message}`);
    }
  }

  updateUserLocationTask = task(async () => {
    while (true) {
      await this.getUserLocation();
      await timeout(20000);
    }
  });
}
```




```
export default class MapService extends Service {

  @tracked userLocation = null;

  async getUserLocation(options) {
    try {
      const result = await new Promise((resolve, reject) =>
        navigator.geolocation.getCurrentPosition(resolve, reject, options)
      );
      this.userLocation = [result.coords.latitude, result.coords.longitude];
    } catch (error) {
      console.warn(`ERROR(${error.code}): ${error.message}`);
    }
  }

  updateUserLocationTask = task(async () => {
    while (true) {
      await this.getUserLocation();
      await timeout(20000);
    }
  });
}
```

Web API




```
export default class MapService extends Service {

  @tracked userLocation = null;

  async getUserLocation(options) {
    try {
      const result = await new Promise((resolve, reject) =>
        navigator.geolocation.getCurrentPosition(resolve, reject, options)
      );
      this.userLocation = [result.coords.latitude, result.coords.longitude];
    } catch (error) {
      console.warn(`ERROR(${error.code}): ${error.message}`);
    }
  }

  updateUserLocationTask = task(async () => {
    while (true) {
      await this.getUserLocation();
      await timeout(20000);
    }
  });
}
```

ember-concurrency

PURPOSE

You Can Expand

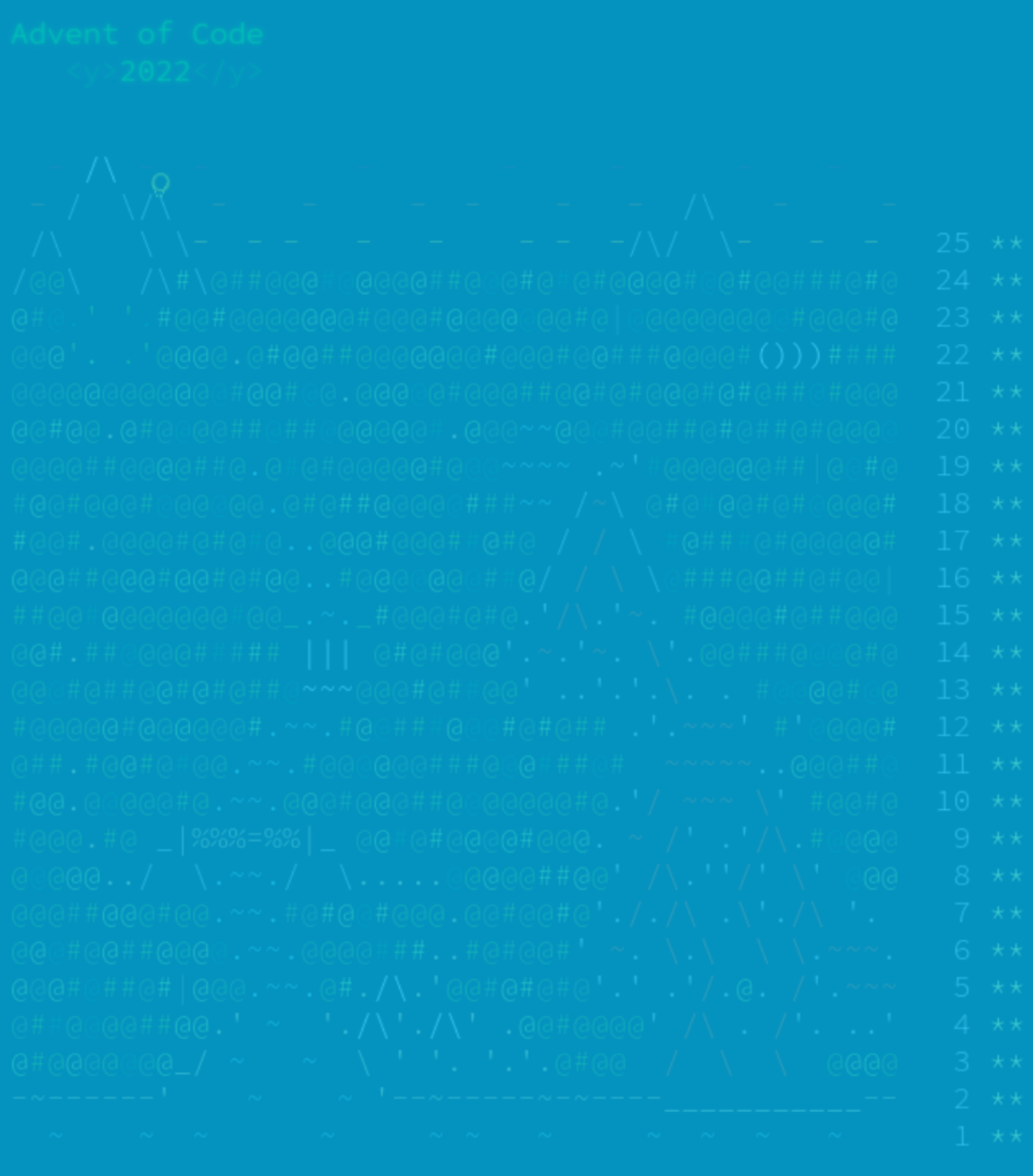
FOCUS

Start Small

TOOLS

CSS Variables

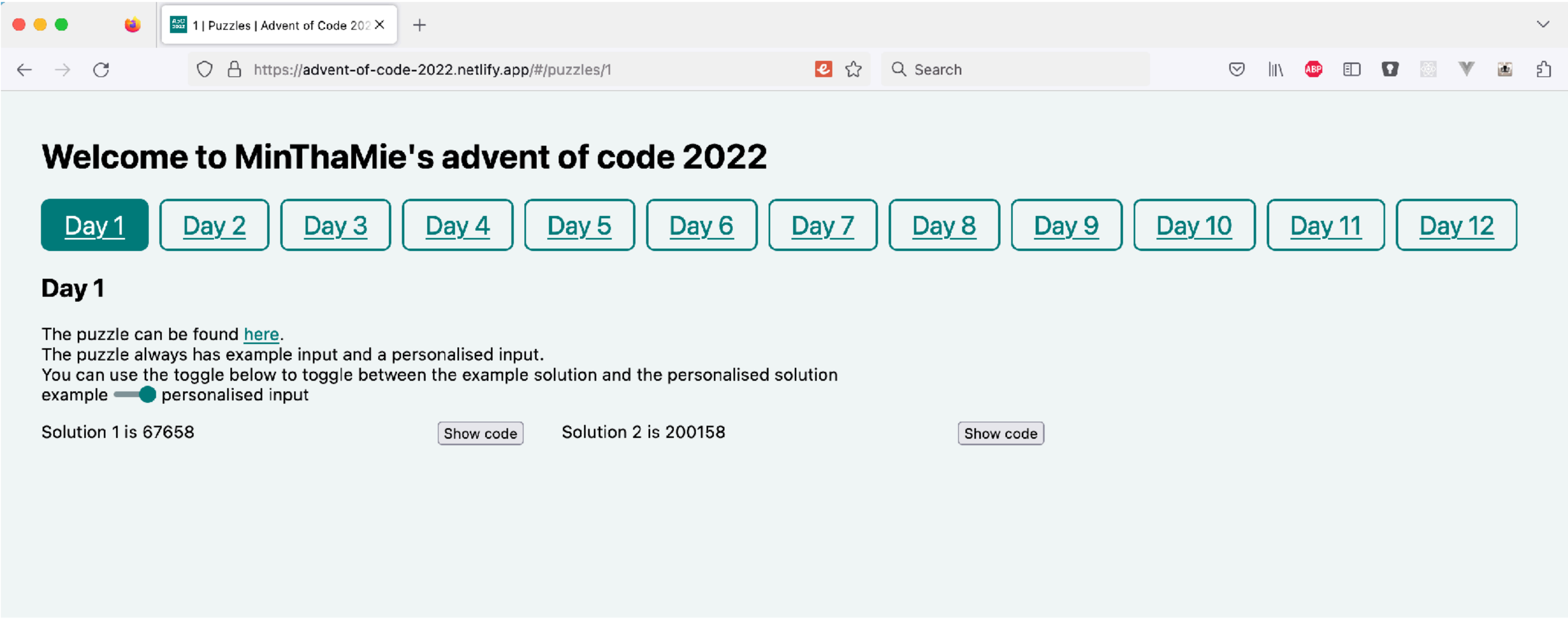
Browser APIs



Advent of Code Tracker

PURPOSE

Share my solutions for advent of code with the world and have a nice place to work on my solutions every day


1 | Puzzles | Advent of Code 202
https://advent-of-code-2022.netlify.app/#/puzzles/1
Search
Welcome to MinThaMie's advent of code 2022
Day 1
Day 2
Day 3
Day 4
Day 5
Day 6
Day 7
Day 8
Day 9
Day 10
Day 11
Day 12
Day 1
The puzzle can be found here.
The puzzle always has example input and a personalised input.
You can use the toggle below to toggle between the example solution and the personalised solution
example personalised input
Solution 1 is 67658
Show code
Solution 2 is 200158
Show code

Day 1

The puzzle can be found here.
The puzzle always has example input and a personalised input.
You can use the toggle below to toggle between the example solution and the personalised solution
example personalised input

Solution 1 is 67658 Hide code

```
solve1(input) {
  let max = 0;
  input.forEach((n) => {
    const caloriesCarried = n.reduce(
      (accumulator, currentValue) => accumula
    );
    if (max < caloriesCarried) {
      max = caloriesCarried;
    }
  });
  return max;
}
```

Solution 2 is 200158 Show code

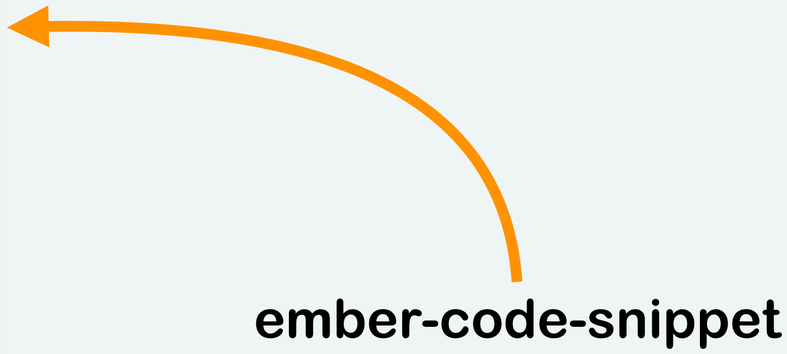
Day 1

The puzzle can be found here.
The puzzle always has example input and a personalised input.
You can use the toggle below to toggle between the example solution and the personalised solution
example personalised input

Solution 1 is 67658 Hide code

```
solve1(input) {
  let max = 0;
  input.forEach((n) => {
    const caloriesCarried = n.reduce(
      (accumulator, currentValue) => accumula
    );
    if (max < caloriesCarried) {
      max = caloriesCarried;
    }
  });
  return max;
}
```

Solution 2 is 200158 Show code



Day 1

The puzzle can be found here.
The puzzle always has example input and a personalised input.
You can use the toggle below to toggle between the example solution and the personalised solution
example personalised input

Solution 1 is 67658 Hide code

```
solve1(input) {
  let max = 0;
  input.forEach((n) => {
    const caloriesCarried = n.reduce(
      (accumulator, currentValue) => accumula
    );
    if (max < caloriesCarried) {
      max = caloriesCarried;
    }
  });
  return max;
}
```

Solution 2 is 200158 Show code

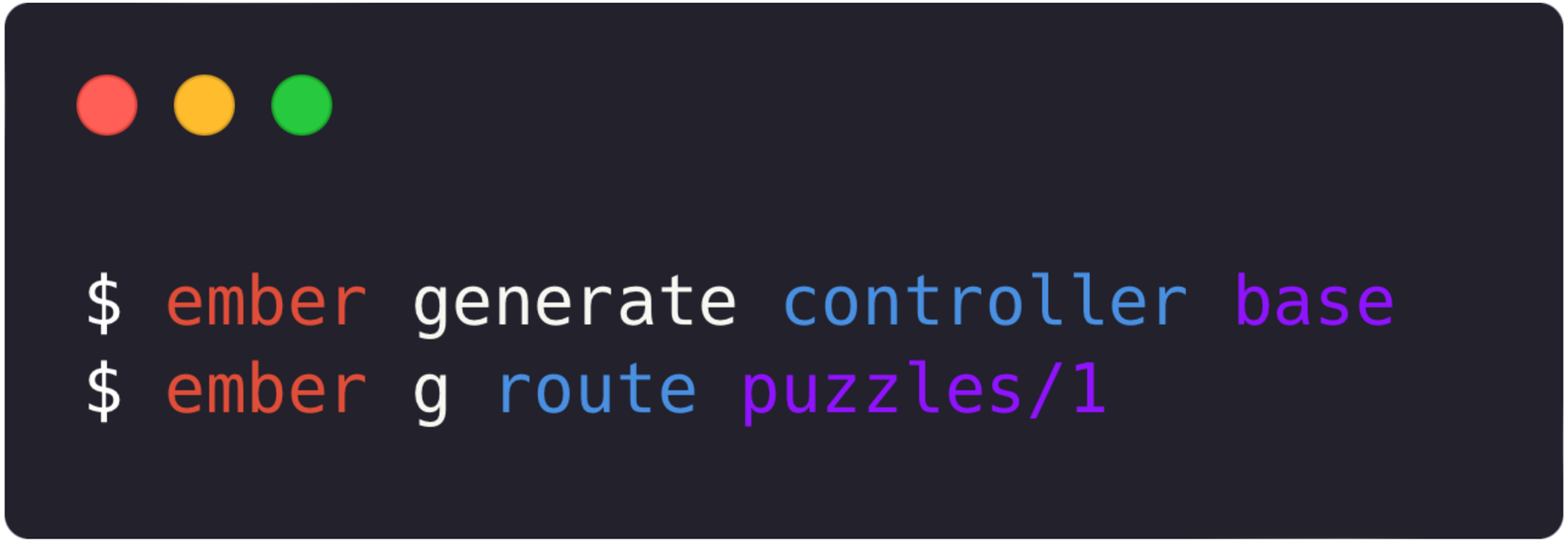
ember-code-snippet

```
<CodeSnippet @name="day{{ @number}}-solution1.js"/>
```

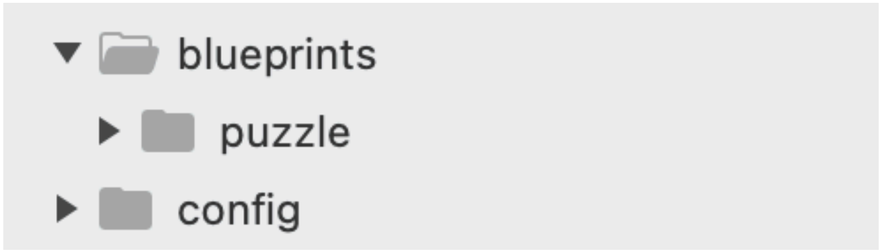
GENERATOR

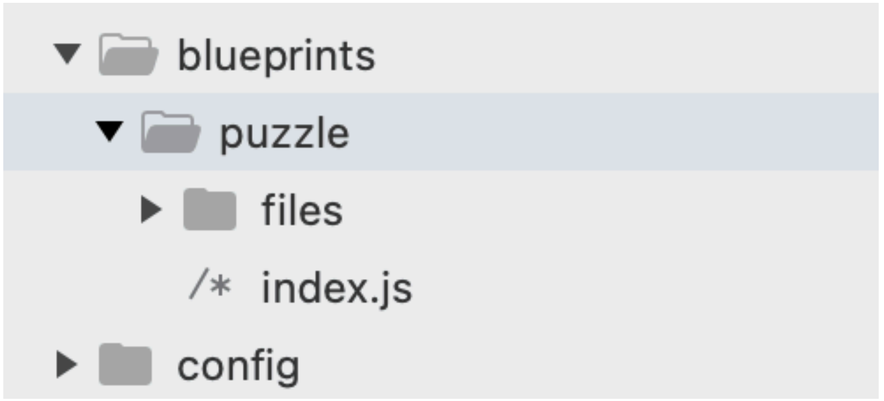
Every day create the same files and update the same files

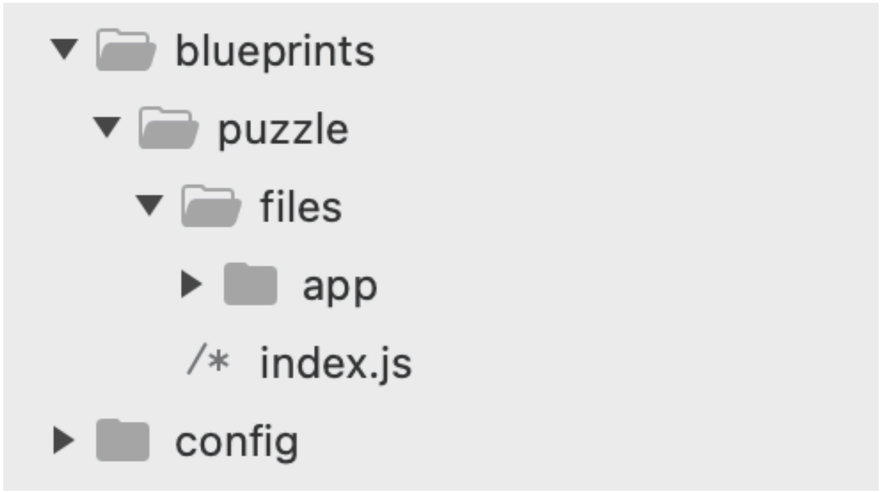
GENERATOR

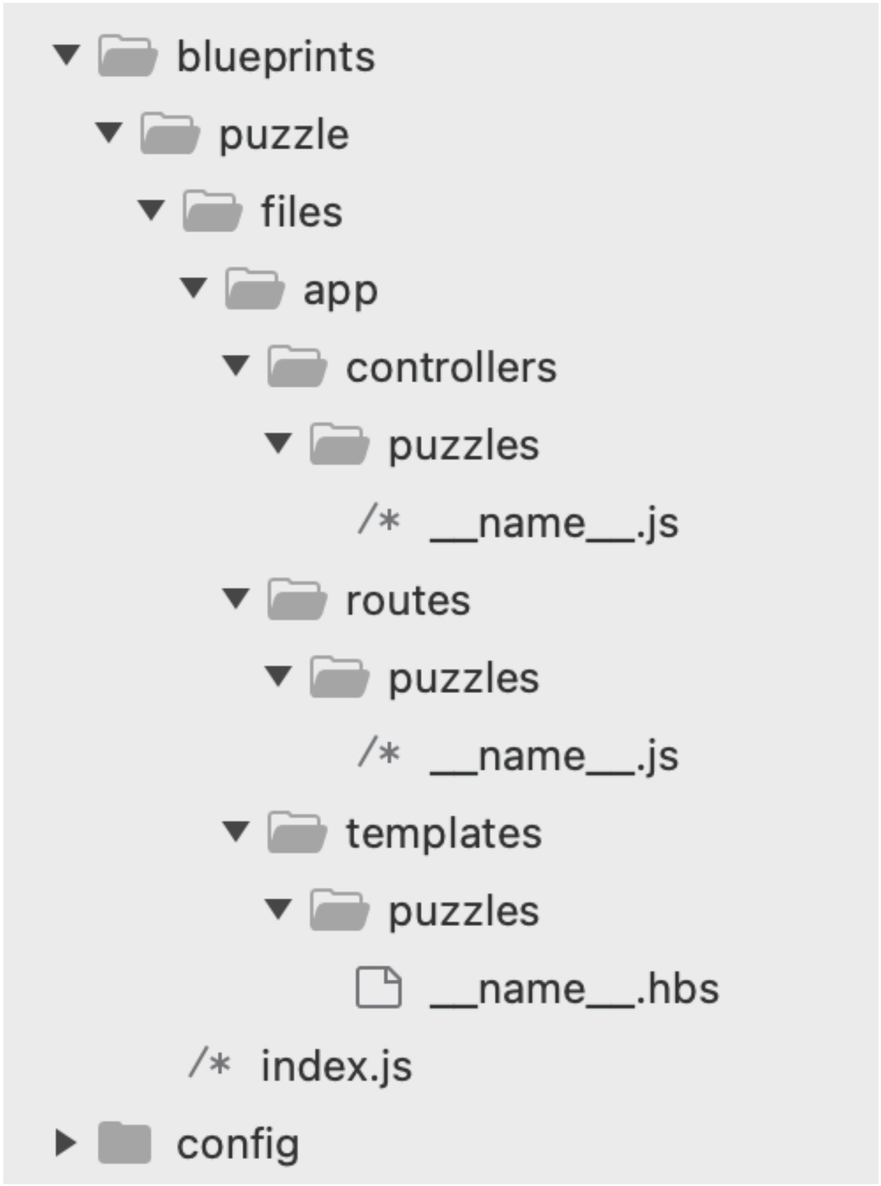


GENERATOR


blueprints
puzzle
config

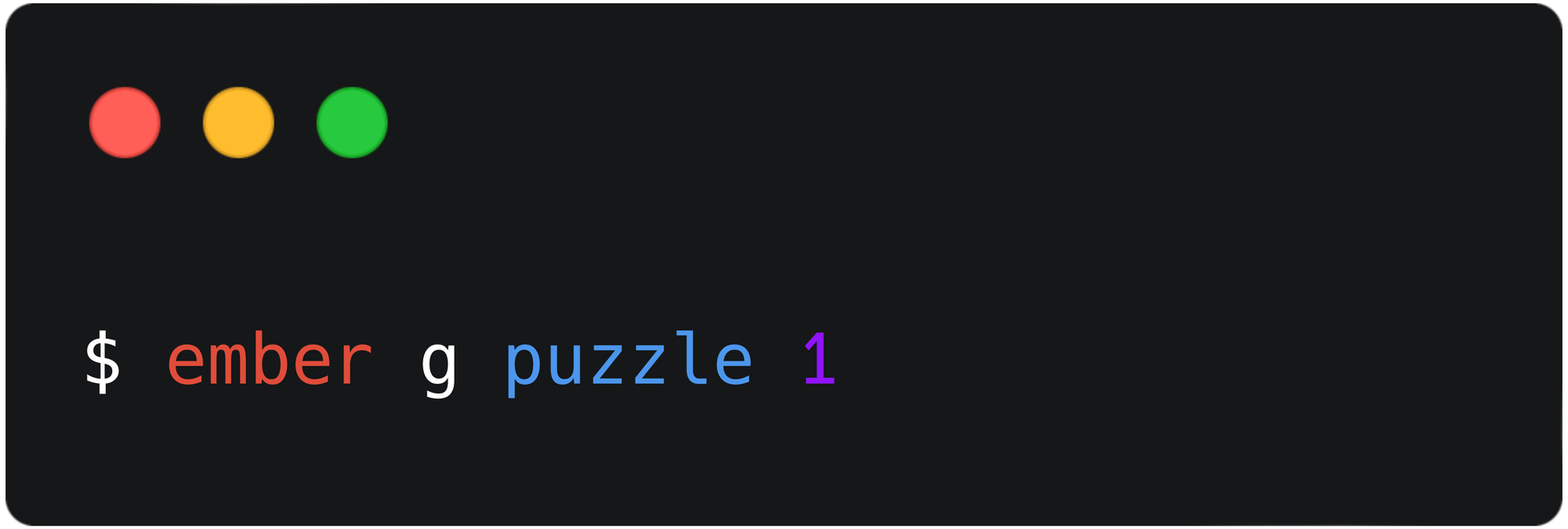

blueprints
puzzle
files
/* index.js
config


blueprints
puzzle
files
app
/* index.js
config


blueprints
puzzle
files
app
controllers
puzzles
/* __name__.js
routes
puzzles
/* __name__.js
templates
puzzles
__name__.hbs
/* index.js
config

templates/puzzles/__name__.hbs

```
{{page-title <%= camelizedModuleName %>}}
<Day @number=<%= camelizedModuleName %> @solution1={{this.solution1}}
@example1={{this.example1}} @solution2={{this.solution2}} @example2={{this.example2}}>
</Day>
```


$ ember g puzzle 1

templates/puzzles/1.hbs

```
{{page-title 1}}
<Day @number="1" @solution1={{this.solution1}} @example1={{this.example1}}
@solution2={{this.solution2}} @example2={{this.example2}}>
</Day>
```

controllers/puzzles/__name__.js

```
import PuzzlesBaseController from './base';

export default class Puzzles<%= camelizedModuleName %>Controller extends PuzzlesBaseController {
  // BEGIN-SNIPPET day<%= camelizedModuleName %>-solution1
  solve1(input) {
    return "Solution 1"
  }
  // END-SNIPPET

  // BEGIN-SNIPPET day<%= camelizedModuleName %>-solution2
  solve2(input) {
    return "Solution 1"
  }
  // END-SNIPPET
}
```

index.js

```
  afterInstall: function (options) {
    this.insertIntoFile(
      'app/templates/application.hbs',
      `    <LinkTo @route="puzzles.${options.entity.name}">Day ${options.entity.name}</LinkTo>`,
      {
        after: `Day ${options.entity.name - 1}</LinkTo>\n`,
      }
    );
    updateRouter.call(this, 'add', options);
  }
```

index.js

```
afterInstall: function (options) {
   this.insertIntoFile(
     'app/templates/application.hbs',
     `     <LinkTo @route="puzzles.${options.entity.name}">Day ${options.entity.name}</LinkTo>`,
     {
       after: `Day ${options.entity.name - 1}</LinkTo>\n`,
     }
   );
   updateRouter.call(this, 'add', options);
 }
```

$ ember generate --help
Available blueprints:
advent-of-code-2022:
puzzle <name>
ember-source:
acceptance-test <name>
Generates an acceptance test for a feature.
component <name> <options...>

PURPOSE

Reduce Workload

FOCUS

Work Smarter

TOOLS

Useful Addons

Generators

PURPOSE

FOCUS

TOOLS

Thank you!

- ember-sample-apps GitHub
- Resources for mobile-friendly Single Feature Apps

- Github & Discord: @minthamie
- Instagram: @anne.greeth