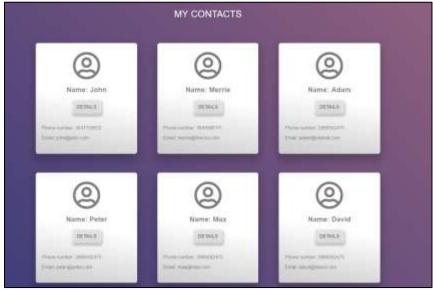
Exercises: Templating

1. Contacts Book

Create a simple page containing some cards with contacts. Each card should have a name and a button "Details". Each time the button is pressed, you have to toggle a div containing more detailed information about the corresponding contact.

You will be provided with the HTML, CSS and a JavaScript file with all the contacts data. You have to create a separate template for the contact cards and display all of them on the main page. At the end, the page should look like this:





















Hints

First, let us create a **separate html file**, where we will put **our contact cards**:

```
{{#each contacts}}
    <div class="contact card">
 2
3
     <div>
      <i class="far fa-user-circle gravatar"></i></i>
 5
      </div>
 7
     <div class="info">
       <h2>Name: {{name}}</h2>
       <button class="detailsBtn" onclick="showDetails({{id}})">Details</button>
9
10
        <div class="details" id={{id}}>>
         Phone number: {{phoneNumber}}
11
12
         Email: {{email}}
13
        </div>
14
      </div>
15 </div>
```

- We loop through all the contacts and we render the data about each of them
- We attach a function called showDetails() as a click event handler to each [Details] button

The next step is to create the functionality for displaying all cards. Create a file - renderContacts.js

```
$(() => {
      renderCards();
 2
      async function renderCards() {
 3
        const source = await $.get('./contactTemplate.html');
4
 5
        const template = Handlebars.compile(source);
        const context = {contacts};
 6
 7
       const html = template(context);
 8
        $('.contacts').html(html);
9
10
    });
11
12
    function showDetails(id) {
      $(`#${id}`).toggle();
13
14
```

- Create a function that gets our **contactTemplate.html** file
- Pass the contacts variable to the context
- Create the **template**
- Get the div and fill it with the compiled HTML
- Create the **showDetails()** function which toggles the detailed info













