

Ex 7 - Rendering Lists

Challenge 1: Splitting a list in two

This example shows a list of all people.

Change it to show two separate lists one after another: **Chemists** and **Everyone Else**. Like previously, you can determine whether a person is a chemist by checking if `person.profession === 'chemist'`.

```
App.js x
src > App.js > List > everyoneElse.map() callback
1 import { people } from './data.js';
2 import { getImageUrl } from './utils.js';
3
4 export default function List() {
5   const chemists = people.filter(person =>
6     person.profession === 'chemist'
7   );
8   const everyoneElse = people.filter(person =>
9     person.profession !== 'chemist'
10  );
11  return (
12    <article>
13      <h1>Chemists</h1>
14      <ul>
15        {chemists.map(person =>
16          <li key={person.id}>
17            <img
18              src={getImageUrl(person)}
19              alt={person.name}
20            />
21            <p>
22              <b>{person.name}</b>
23              { ' ' + person.profession + ' ' }
24              known for {person.accomplishment}
25            </p>
26          </li>
27        )}
28      </ul>
29      <h1>Everyone Else</h1>
30      <ul>
31        {everyoneElse.map(person =>
32          <li key={person.id}>
33            <img
34              src={getImageUrl(person)}
35              alt={person.name}
36            />
37            <p>
38              <b>{person.name}</b>
39              { ' ' + person.profession + ' ' }
40              known for {person.accomplishment}
41            </p>
42          </li>
43        )}
44      </ul>
45    </article>
46  );
47 }
48
```

Preview x
https://wxjmtv.csb.app/

Chemists

Mario José Molina-Pasquel Henríquez: chemist known for discovery of Arctic ozone hole

Percy Lavon Julian: chemist known for pioneering cortisone drugs, steroids and birth control pills

Everyone Else

Creola Katherine Johnson: mathematician known for spaceflight calculations

Mohammad Abdus Salam: physicist known for electromagnetism theory

Subrahmanyan Chandrasekhar: astrophysicist known for white dwarf star mass calculations

Challenge 2 : Nested lists in one component

Make a list of recipes from this array! For each recipe in the array, display

its name as an `<h2>` and list its ingredients in a ``.

```
App.js x
src > App.js > ...
1 import { recipes } from './data.js';
2
3 export default function RecipeList() {
4
5   return (
6     <div>
7       <h1>Recipes</h1>
8       {recipes.map(recipe =>
9         <div key={recipe.id}>
10          <h2>{recipe.name}</h2>
11          <ul>
12            {recipe.ingredients.map((ingredient, index) =>
13              <li key={index}>
14                {ingredient}
15              </li>
16            )}
17          </ul>
18        </div>
19      )}
20    </div>
21  );
22 }
23
```

Preview x

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Recipes

Greek Salad

- tomatoes
- cucumber
- onion
- olives
- feta

Hawaiian Pizza

- pizza crust
- pizza sauce
- mozzarella
- ham
- pineapple

Hummus

- chickpeas
- olive oil
- garlic cloves
- lemon
- tahini

Challenge 3 :

Challenge 4 :