

Ex 5 - Passing Props to a Component

Challenge 1 :

Challenge 1 of 3: Extract a component

This `Gallery` component contains some very similar markup for two profiles. Extract a `Profile` component out of it to reduce the duplication. You'll need to choose what props to pass to it.

App.js utils.js

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```
1 import { getImageUrl } from './utils.js';
2
3 function Profile({name, imageId, profession, awards, discovered, size}) {
4   return (
5     <section className="profile">
6       <h2>{name}</h2>
7       <img
8         className="avatar"
9         src={getImageUrl(imageId)}
10        alt={name}
11        width={size}
12        height={size}
13      />
14       <ul>
15         <li>
16           <b>Profession:</b>
17           {profession}
18         </li>
19         <li>
20           <b>Awards: {awards.length}</b>
21           ({awards.join(', ')})
22         </li>
23         <li>
24           <b>Discovered:</b>
25           {discovered}
26         </li>
27       </ul>
28     </section>
29   );
30 }
31
```

Notable Scientists

Maria Skłodowska-Curie



- **Profession:** physicist and chemist
- **Awards: 4** (Nobel Prize in Physics, Nobel Prize in Chemistry, Davy Medal, Matteucci Medal)
- **Discovered:** polonium (chemical element)

Katsuko Saruhashi



- **Profession:** geochemist
- **Awards: 2** (Miyake Prize for geochemistry, Tanaka Prize)
- **Discovered:** a method for measuring carbon dioxide in seawater

```

32 export default function Gallery() {
33   return (
34     <div>
35       <h1>Notable Scientists</h1>
36
37       <Profile
38         name="Maria Skłodowska-Curie"
39         imageId="szV5sdG"
40         profession="physicist and chemist"
41         awards={[
42           "Nobel Prize in Physics",
43           "Nobel Prize in Chemistry",
44           "Davy Medal",
45           "Matteucci Medal"
46         ]}
47         discovered="polonium (chemical element)"
48       />
49
50       <Profile
51         name="Katsuko Saruhashi"
52         imageId="Yfe0qp2"
53         profession="geochemist"
54         awards={[
55           "Miyake Prize for geochemistry",
56           "Tanaka Prize"
57         ]}
58         discovered="a method for measuring carbon dioxide in seawater"
59       />
60     </div>
61   );
62 }
63

```

Challenge 2 :

Challenge 3 :