

Ex 4 - JavaScript in JSX with Curly Braces

Challenge 1 :

This code crashed with this error because you can't render directly an object, and we need only his name here so the solution is to replace `{person}` at line 12 by `{person.name}`, and as name is a string it is valid

Challenge 1 of 3: Fix the mistake

This code crashes with an error saying Objects are not valid as a React child:

App.js

Download Reset Fork

```
1 const person = {
2   name: 'Gregorio Y. Zara',
3   theme: {
4     backgroundColor: 'black',
5     color: 'pink'
6   }
7 };
8
9 export default function TodoList() {
10   return (
11     <div style={person.theme}>
12       <h1>{person.name}'s Todos</h1>
13       
18       <ul>
19         <li>Improve the videophone</li>
20         <li>Prepare aeronautics lectures</li>
21         <li>Work on the alcohol-fuelled engine</li>
22       </ul>
23     </div>
24   );
25 }
26
```

Gregorio Y. Zara's Todos



- Improve the videophone
- Prepare aeronautics lectures
- Work on the alcohol-fuelled engine

^ Show less

Challenge 2 :

Challenge 2 of 3: Extract information into an object

Extract the image URL into the `person` object.

App.js

Download Reset Fork

```
1  const person = {
2    name: 'Gregorio Y. Zara',
3    imageUrl: 'https://i.imgur.com/7vQD0fPs.jpg',
4    theme: {
5      backgroundColor: 'black',
6      color: 'pink'
7    }
8  };
9
10 export default function TodoList() {
11   return (
12     <div style={person.theme}>
13       <h1>{person.name}'s Todos</h1>
14       <img
15         className="avatar"
16         src={person.imageUrl}
17         alt="Gregorio Y. Zara"
18       />
19       <ul>
20         <li>Improve the videophone</li>
21         <li>Prepare aeronautics lectures</li>
22         <li>Work on the alcohol-fuelled engine</li>
23       </ul>
24     </div>
25   );
26 }
27
```

Gregorio Y. Zara's Todos



- Improve the videophone
- Prepare aeronautics lectures
- Work on the alcohol-fuelled engine

^ Show less

Challenge 3 :

Challenge 3 of 3: Write an expression inside JSX curly braces

In the object below, the full image URL is split into four parts: base URL, `imageId`, `imageSize`, and file extension.

We want the image URL to combine these attributes together: base URL (always `'https://i.imgur.com/'`), `imageId` (`'7vQD0fP'`), `imageSize` (`'s'`), and file extension (always `' .jpg'`). However, something is wrong with how the `` tag specifies its `src`.

Can you fix it?

App.js

Download Reset Fork

```
1
2 const baseUrl = 'https://i.imgur.com/';
3 const person = {
4   name: 'Gregorio Y. Zara',
5   imageId: '7vQD0fP',
6   imageSize: 's',
7   theme: {
8     backgroundColor: 'black',
9     color: 'pink'
10  }
11 };
12
13 export default function TodoList() {
14   return (
15     <div style={person.theme}>
16       <h1>{person.name}'s Todos</h1>
17       <img
18         className="avatar"
19         src={baseUrl + person.imageId + person.imageSize + '.jpg'}
20         alt={person.name}
21       />
22       <ul>
23         <li>Improve the videophone</li>
24         <li>Prepare aeronautics lectures</li>
25         <li>Work on the alcohol-fuelled engine</li>
26       </ul>
27     </div>
28   );
29 }
30
```

Gregorio Y. Zara's Todos



- Improve the videophone
- Prepare aeronautics lectures
- Work on the alcohol-fuelled engine

^ Show less