

# Assignment # 2 - Display Simple Object(Data) with JSX/REACT

## Tasks to complete:

**Note:** Install Node and NPM before getting started with below steps, Node version should be greater than 12.

[create-react-app](#) is a tool to build React apps in no time. It allows us to create React apps without any build configuration.

From your terminal run the following commands:

```
npx create-react-app app
```

```
cd app
```

```
npm start
```

Let's get started.

1) create an object in **src/index.js** as mentioned below (refer the below image) and should be imported to the App.js as props:

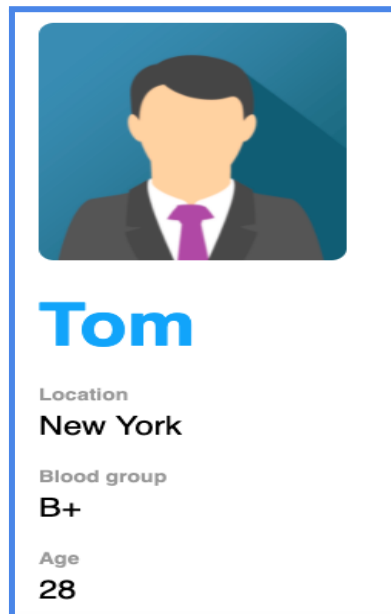
```
const employee = {  
  name: 'Tom',  
  location: 'New York',  
  bloodGroup: 'B+',  
  age: 28,  
  profileImg:  
    'https://www.w3schools.com/howto/img_avatar.png'  
}
```



```
1 import React from 'react';  
2 import ReactDOM from 'react-dom';  
3 import './index.css';  
4 import App from './App';  
5 import reportWebVitals from './reportWebVitals';  
6  
7  
8 const employee = {  
9   name: 'Tom',  
10  location: 'New York',  
11  bloodGroup: 'B+',  
12  age: 28,  
13  profileImg: 'https://www.w3schools.com/howto/img_avatar.png'  
14  }  
15  
16 ReactDOM.render(  
17   <React.StrictMode>  
18     <App employee={employee} />  
19   </React.StrictMode>  
20   document.getElementById('root')  
21 );  
22
```

2) Display this data in the DOM and use classes to style the output as mentioned in the below screenshot.

*Note: please give “folders” name as mentioned in the above instructions*



## Task Evaluation:

### Instructions:

App.css
App.js
App.test.js
index.css
index.js
logo.svg
reportWebVitals.js
setupTests.js

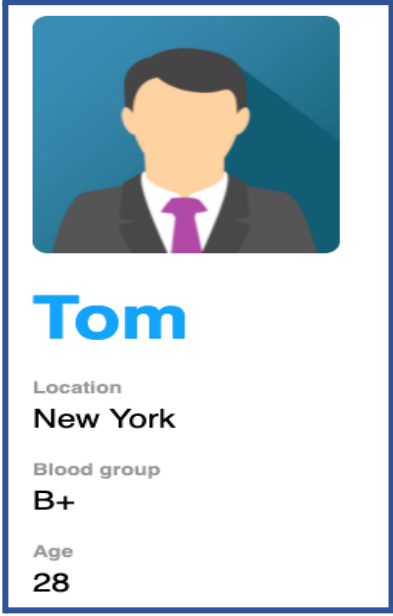
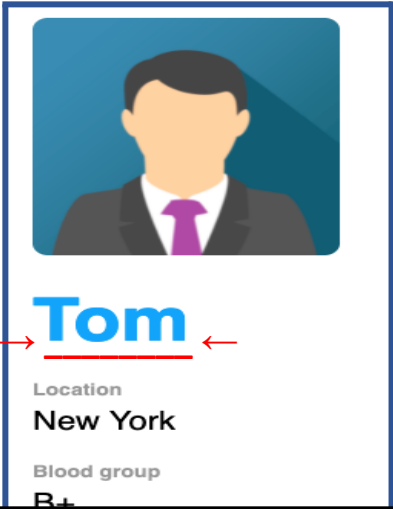
- Go to **src** folder, and **index.js**

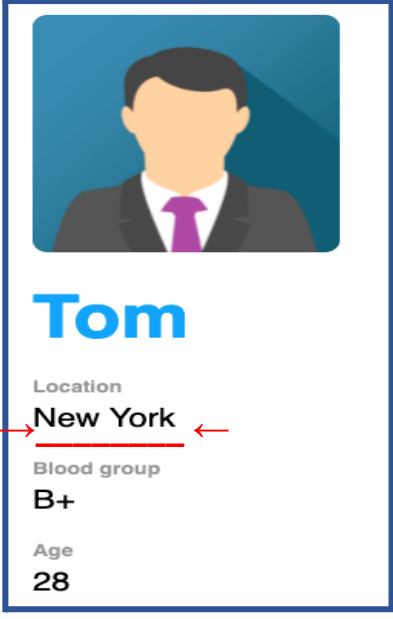
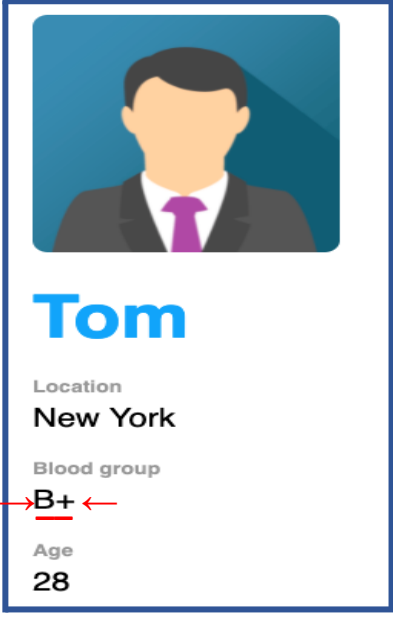
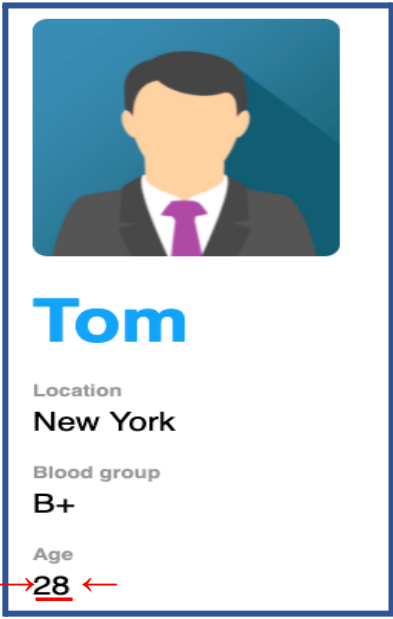
```

1  import React from 'react';
2  import ReactDOM from 'react-dom';
3  import './index.css';
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7
8  const employee = {
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13   profileImg: 'https://www.w3schools.com/howto/img_avatar.png'
14 }
15
16 ReactDOM.render(
17   <React.StrictMode>
18     <App employee={employee} />
19   </React.StrictMode>,
20   document.getElementById('root')
21 );

```

- And in **index.js** (as mentioned in image) change the field **name**..etc

<b>Test Case 1</b>	The image should be in this format	 <p>The image shows a blue-bordered card with a placeholder avatar at the top. Below the avatar, the name 'Tom' is displayed in large blue font. Underneath the name, the following details are listed in a smaller font: 'Location New York', 'Blood group B+', and 'Age 28'.</p>
<b>Test Case 2</b>	When The <i>Name</i> in the <b>index.js</b> is changed the <i>Name Field</i> of image should change	 <p>This image is identical to the one in Test Case 1, showing the employee card for Tom. However, two red arrows point horizontally to the 'Tom' name field, indicating that this field is the focus of the test case.</p>

<p><b>Test Case 3</b></p>	<p>When The <i>Location</i> in the <b>index.js</b> is changed the <i>Location Field</i> of image should change</p>	 <p>The image shows a user profile card for 'Tom'. It includes a placeholder profile picture, the name 'Tom' in large blue font, and three fields: 'Location' with value 'New York', 'Blood group' with value 'B+', and 'Age' with value '28'. The 'New York' text is underlined, and red arrows point to it from both sides, indicating the field being tested.</p>
<p><b>Test Case 4</b></p>	<p>When The <i>Blood Group</i> in the <b>index.js</b> is changed the <i>Blood Group Field</i> of image should change</p>	 <p>The image shows a user profile card for 'Tom'. It includes a placeholder profile picture, the name 'Tom' in large blue font, and three fields: 'Location' with value 'New York', 'Blood group' with value 'B+', and 'Age' with value '28'. The 'B+' text is underlined, and red arrows point to it from both sides, indicating the field being tested.</p>
<p><b>Test Case 5</b></p>	<p>When The <i>Age</i> in the <b>index.js</b> is changed the <i>Age Field</i> of image should change</p>	 <p>The image shows a user profile card for 'Tom'. It includes a placeholder profile picture, the name 'Tom' in large blue font, and three fields: 'Location' with value 'New York', 'Blood group' with value 'B+', and 'Age' with value '28'. The '28' text is underlined, and red arrows point to it from both sides, indicating the field being tested.</p>

