

Solution: Multiple components

Here's the completed App.js file:

```
1  import './App.css';
2  import Card from './Card';
3
4  function App() {
5    return (
6      <div className="App">
7        <h1>Task: Add three Card elements</h1>
8        <Card h2="First card's h2" h3="First card's h3" />
9        <Card h2="Second card's h2" h3="Second card's h3" />
10       <Card h2="Third card's h2" h3="Third card's h3" />
11     </div>
12   );
13 };
14
15 export default App;
```

Here's the completed Card.js file:

```
1  function Card(props) {
2    return (
3      <div className="card">
4        <h2>{props.h2}</h2>
5        <h3>{props.h3}</h3>
6      </div>
7    );
8  };
9
10 export default Card;
```

Here is the output from the completed solution code:

← → ↻ ebyjtchc.labs.coursera.org/serve/

Task: Add three Card elements

First card's h2

First card's h3

Second card's h2

Second card's h3

Third card's h2

Third card's h3

Step 1. Your first task was to add a `Card.js` file, and inside of that file, declare a `Card` function.

```
1 function Card(props) {  
2  
3 };
```

Step 2. Inside the `Card.js` file's `Card` function, you added a `return` statement with two parentheses after it, to allow the `return` statement to spread onto several lines.

```
1 function Card(props) {  
2   return (  
3  
4   );  
5 };
```

Step 3. Inside the `return` statement, you needed to add a wrapping `div` element.

```
1 function Card(props) {  
2   return (  
3     <div>  
4     </div>  
5   );  
6 };
```

Step 4. Inside the wrapping `div` element, you needed to add an `h2` element, and under it, an `h3` element.

```
1 function Card(props) {  
2   return (  
3     <div>  
4       <h2></h2>  
5       <h3></h3>  
6     </div>  
7   );  
8 };
```

Step 5. Inside the `h2` element you've already added, you needed to add the JSX expression of: `{props.h2}`.

```
1 function Card(props) {  
2   return (  
3     <div className="card">  
4       <h2>{props.h2}</h2>  
5       <h3></h3>  
6     </div>
```

```
7     );  
8   };
```

Step 6. Inside the `h3` element you've already added, you needed to add the JSX expression of: `{props.h3}`.

```
1  function Card(props) {  
2    return (  
3      <div className="card">  
4        <h2>{props.h2}</h2>  
5        <h3>{props.h3}</h3>  
6      </div>  
7    );  
8  };  
9
```

Step 7. You also had to make sure to not forget the `export default Card;` line of code at the bottom of the Card component.

```
1  function Card(props) {  
2    return (  
3      <div className="card">  
4        <h2>{props.h2}</h2>  
5        <h3>{props.h3}</h3>  
6      </div>  
7    );  
8  };  
9  
10 export default Card;
```

Step 8. Back inside the App component, you needed to import the `Card` component.

```
1  import './App.css';  
2  import Card from './Card';  
3  
4  function App() {  
5    return (  
6      <div>  
7        <h1>Task: Add three Card elements</h1>  
8      </div>  
9    );  
10 };  
11  
12 export default App;
```

Step 9. Inside the App component's `return` statement, under the `h1` element, you should have added three `<Card />` JSX elements.

```
1  import './App.css';  
2  import Card from './Card';  
3  
4  function App() {
```

```

5     return (
6       <div>
7         <h1>Task: Add three Card elements</h1>
8         <Card />
9         <Card />
10        <Card />
11      </div>
12    );
13  };
14
15  export default App;

```

Step 10. You needed to add the `h2` prop to the first `<Card />` element, like this: `h2="First card's h2"`.

```

1  import "../App.css";
2  import Card from "../Card";
3
4  function App() {
5    return (
6      <div>
7        <h1>Task: Add three Card elements</h1>
8        <Card h2="First card's h2" />
9        <Card />
10       <Card />
11     </div>
12   );
13 };
14
15 export default App;

```

Step 11. You needed to add the `h3` prop to the first `<Card />` element, like this: `h3="First card's h3"`.

```

1  import "../App.css";
2  import Card from "../Card";
3
4  function App() {
5    return (
6      <div>
7        <h1>Task: Add three Card elements</h1>
8        <Card h2="First card's h2" h3="First card's h3" />
9        <Card />
10       <Card />
11     </div>
12   );
13 };
14
15 export default App;

```

Step 12. You should have added the `h2` and `h3` props to the second `<Card />` element, with the `h2` reading: `"Second card's h2"`, and the `h3` reading `"Second card's h3"`.

```

1  import "../App.css";
2  import Card from "../Card";
3
4  function App() {

```

```

5     return (
6       <div>
7         <h1>Task: Add three Card elements</h1>
8         <Card h2="First card's h2" h3="First card's h3" />
9         <Card h2="Second card's h2" h3="Second card's h3" />
10        <Card />
11      </div>
12    );
13  };
14
15  export default App;

```

Step 13. You should have added the `h2` and `h3` props to the third `<Card />` element, with the `h2` reading: `"Third card's h2"`, and the `h3` reading `"Third card's h3"`.

```

1  import "../App.css";
2  import Card from "../Card";
3
4  function App() {
5    return (
6      <div>
7        <h1>Task: Add three Card elements</h1>
8        <Card h2="First card's h2" h3="First card's h3" />
9        <Card h2="Second card's h2" h3="Second card's h3" />
10       <Card h2="Third card's h2" h3="Third card's h3" />
11     </div>
12   );
13 };
14
15 export default App;

```

Step 14. You needed to add the `className` attribute to the `Card.js` file's `Card` function's `return` statement's wrapping `div` element.

```

1  import "../App.css";
2  import Card from "../Card";
3
4  function App() {
5    return (
6      <div className="App">
7        <h1>Task: Add three Card elements</h1>
8        <Card h2="First card's h2" h3="First card's h3" />
9        <Card h2="Second card's h2" h3="Second card's h3" />
10       <Card h2="Third card's h2" h3="Third card's h3" />
11     </div>
12   );
13 };
14
15 export default App;

```