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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:

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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 };
```

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 };
```

```

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;

```

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