

React Props

- Props are short for "properties". They are the data that is passed from a parent component to a child component. Props are read-only, meaning that the child component cannot change them.
- Props can be any JavaScript value, including strings, numbers, objects, arrays, and functions

Steps to use props in react:

Step 1:-Open visual Studio. Go to file and select open folder.

Step 2:-Open my-react-app.

Step 3:-Go to src and create a two new files. Give name as "Classprops.js" and "Functionprops.js"

Step 4:- Write the relevant codes for each file.

Step 5:- Then compile each file in App.js

Step 6:- Save all files and execute App.js in new terminal type and run npm start.

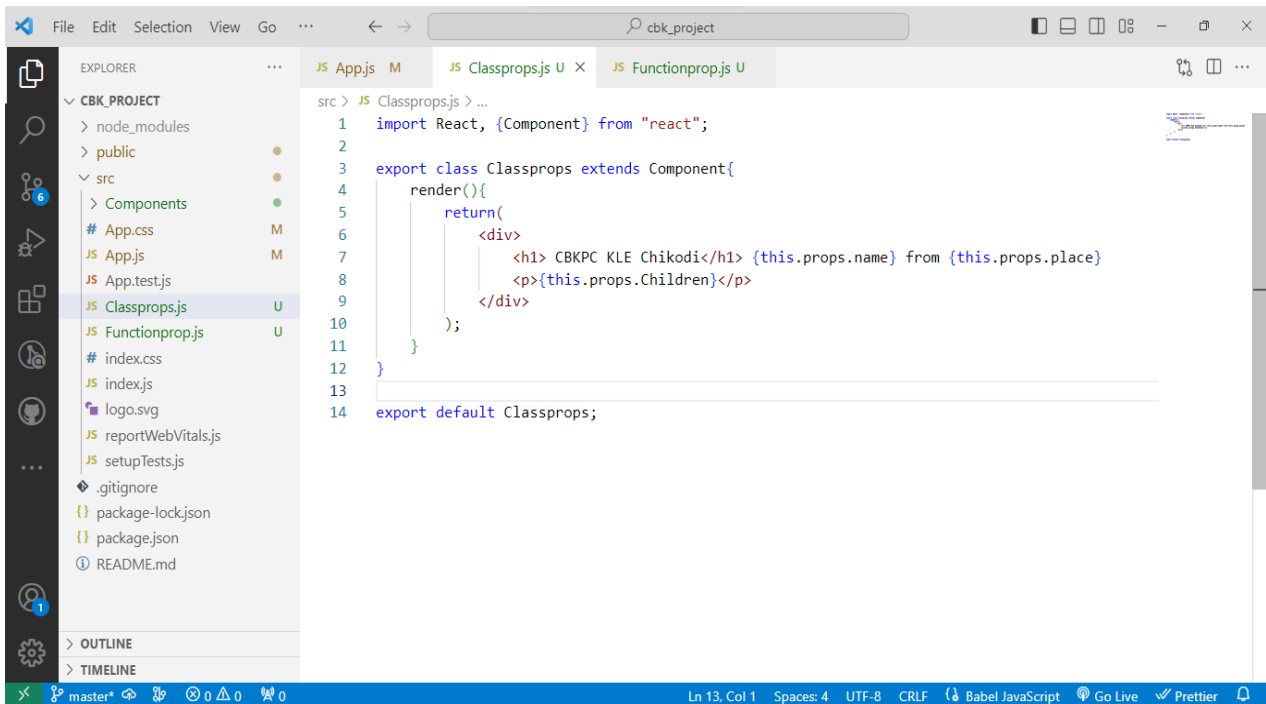
Step 7:- In browser output will be displayed.

App.js

```
File Edit Selection View Go ... cbk_project
EXPLORER
  CBK_PROJECT
    node_modules
    public
    src
      Components
      App.css M
      App.js M
      App.test.js
      Classprops.js U
      Functionprops.js U
      index.css
      index.js
      logo.svg
      reportWebVitals.js
      setupTests.js
      .gitignore
      package-lock.json
      package.json
      README.md
    OUTLINE
    TIMELINE

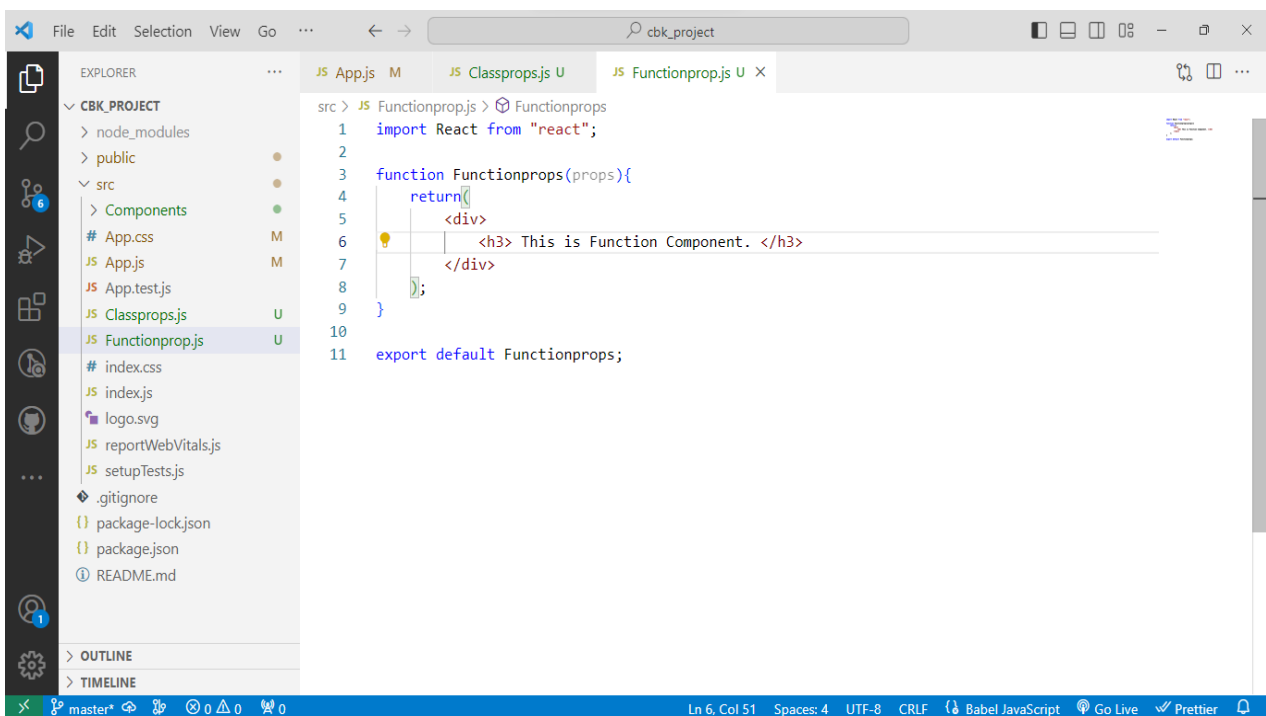
src > JS App.js > default
You, 12 minutes ago | 1 author (You)
1 import React from "react";
2 import Classprops from "./Classprops";
3 import Functionprops from "./Functionprop";
4
5 class App extends React.Component{
6   render(){
7     return(
8       <center>
9         <div>
10           <Classprops name="Learner 1" place="Place A"/>
11           <button> Child Componenet </button>
12         <div>
13           <Classprops name="Learner 2" place="Place B"/>
14           <button> Click </button>
15         <div>
16           <Functionprops name="learner 3" place="Place C"/>
17         </div> </center>
18       </div>
19     );
20   }
21 }
22 export default App;
```

Classprops.js



```
src > JS Classprops.js > ...
1  import React, {Component} from "react";
2
3  export class Classprops extends Component{
4      render(){
5          return(
6              <div>
7                  <h1> CBKPC KLE Chikodi</h1> {this.props.name} from {this.props.place}
8                  <p>{this.props.Children}</p>
9              </div>
10         );
11     }
12 }
13
14 export default Classprops;
```

Functionprops.js



```
src > JS Functionprops.js > Functionprops
1  import React from "react";
2
3  function Functionprops(props){
4      return(
5          <div>
6              <h3> This is Function Component. </h3>
7          </div>
8      );
9  }
10
11 export default Functionprops;
```

OUTPUT

