

Objectives : To understand state and property in React

Notes

Estimated time to complete this lab: **30 minutes**.

Create a React Application with a class component named “ProductList”.

1. In ProductList class, create an array of Cart and initialize 5 items.
2. In the array class, create 5 properties as mentioned below:
 - ProductId
 - Name
 - Price
 - Category
 - Brand

```
export default class ProductList extends React.Component {
  state = {
    products: [
      {ProductId:1, name:"Apple iPhone 14 Pro Max", Price: 45000, Category:"SmartPhone",
brand:"Apple"},
      {ProductId:2, name:"Motorola", Price: 35000, Category:"SmartPhone", brand:"Motorola"},
      {ProductId:3, name:"Google Pixel 7 Pro", Price: 55000, Category:"SmartPhone", brand:"Google"},
    ]
  };
};
```

3. Loop through these items and display the data :

```
render(){
  const {products} = this.state;
  return(
    <div class='product-list'>
      <table>
        <thead>
          <tr><th>Name</th>
          <th>Price</th>
          <th>Category</th>
          <th>Brand</th>
        </tr>
```

```
        </thead>
        <tbody>
            //use loop to display products
        </tbody>
    </table>
</div>
)
}
```

4. Create a List named list.css under styles folder
5. Refer the css in the ProductList.js file
6. Apply the styles and display the data as shown below

Name	Price	Category	Brand
Apple iPhone 14 Pro Max	45000	SmartPhone	Apple
Motorola	35000	SmartPhone	Motorola
Google Pixel 7 Pro	55000	SmartPhone	Google