

```
1 // ===== Props Concept =====
2 /*
3 props is that send parameter to outside function or custom componenet
```

```
4
5     Attribute => (key_name , value) pair
```

```
6
7     App.js
```

```
8     |
9     ^
```

```
10 [custom component] [custom component]
```

- ```
11
12 1) share data From App.js to custom component
13 2) App.js send by Atirbuite or Props to custom component
```

```
14
15 */
```

```
16
17 // ===== index.js START =====
```

```
18
19 import React from 'react';
20 import ReactDOM from 'react-dom';
21 import App from './App';
22
23 ReactDOM.render(<App />, document.getElementById('root'));
```

```
24
25 //***** END *****
```

```
26
27 //===== App.js START =====
```

```
28
29 import './App.css';
30 // import the Custom Component file
31 import ExpencesItem from './component/ExpencesItem';
32 function App() {
```

```
33
34 const expenseArr = [
35 // thsi array contain some object
```

```
36 {
37 id: 'e1',
38 title: "Car Buy",
39 price: 300000,
40 date: new Date(2020, 3, 5),
```

```
41 },
42 {
43 id: 'e2',
44 title: "Book Buy",
45 price: 300,
46 date: new Date(2021, 4, 6),
```

```
47 },
48 {
49 id: 'e3',
50 title: "Phone Buy",
51 price: 3000,
52 date: new Date(2023, 1, 3),
53 },
```

```

54
55];
56
57 return (
58 <div >
59 <h2 className="bg">When custom function render that time pass value by Attribute</h2>
60 /* 1) inside the call component pass attributes then the props set the html code value by javascript
61 2) the pass key_name should be recieved exactly same name
62 3) title = {expenseArr[0].title} => key_name = value_obtain_form_object here
63 */
64 <ExpencesItem
65 title={expenseArr[0].title}
66 price={expenseArr[0].price}
67 date={expenseArr[0].date}
68 ></ExpencesItem>
69 <ExpencesItem
70 title={expenseArr[1].title}
71 price={expenseArr[1].price}
72 date={expenseArr[1].date}
73 ></ExpencesItem>
74 <ExpencesItem
75 title={expenseArr[2].title}
76 price={expenseArr[2].price}
77 date={expenseArr[2].date}
78 ></ExpencesItem>
79 </div>
80);
81 }
82
83 /* ***** output *****
84
85 2020-04-04T18:00:00.000Z
86 Car Buy
87 $300000
88
89 2021-05-05T18:00:00.000Z
90 Book Buy
91 $300
92
93 2023-02-02T18:00:00.000Z
94 Phone Buy
95 $3000
96 */
97 export default App;
98
99 //***** END *****
100
101 //===== ExpencesItem.js START =====
102
103
104 // import CSS file
105 import './ExpencesItem.css';
106
107 function ExpencesItem(props) {

```

```

108 // props acualy receive only one paramater
109 // by the props we can excess the pass key_name and use them
110 // the custom component set that how the value will show in website
111
112 return (
113 <div className="container">
114 <p>{props.date.toISOString()}</p>
115 <p>{props.title}</p>
116 <p>${props.price}</p>
117 </div>
118);
119 }
120
121 export default ExpencesItem;
122
123
124
125 //***** END *****
126
127 //***** EXpencesItem.css *****
128 /*
129 *{
130 margin: 0;
131 padding: 0;
132 }
133 .container{
134 width: 50%;
135 height: 300px;
136 margin: 0 auto;
137 }
138 .heading{
139 font-size: 25px;
140 background-color: gold;
141 }
142
143 /* we can use media query for verity devices */
144
145 //***** END *****

```