

```

1  /* ===== Dynamic CSS add =====
2
3
4  1) we have to use state true or false value
5
6  const [isValid, setIsValid] = useState(true);
7
8  check and based on condition true and false value change
9
10 inline CSS
11 style = {{obj}};
12
13 style={{color: isValid ? 'red' : 'white' }}
14 style={{borderColor: isValid ? 'red' : 'black', background: isValid ? 'salmon' : 'transparent'}}
15
16 Or outside CSS style (.invalid)
17
18 CSS{
19   .Form-main.invalid input{
20     border-color: red;
21     background: #ffd7d7;
22   }
23   .Form-main.invalid label{
24     color: red;
25   }
26 }
27
28
29 This how Dynamic CSS Class add and use them
30
31 className={`Form-main ${ isValid ? 'invalid' : ''}`}
32
33 // One interesting thing is .... For the reason is
34 1) The file name => CourseItem.module.css
35 2) then import the CSS file
36   import styles from './CourseForm.module.css';
37 3) to use inside the Class name use
38   < p className={styles.yourCSSclassName}> </p>
39
40   < p className={styles[from-control]}> Another way (-) for this </p>
41
42   < p className={` ${styles['form-control']} ${ isValid && styles.isValid}`}> </p>
43
44 4) @media (max-width: 768px){
45   .button{
46     width: auto;
47   }
48 }
49 */
50
51 // ===== App.js =====
52 import './App.css'
53 import React, { useState } from 'react';

```

```

54 import CourseForm from './component/CourseForm/CourseForm';
55 import CourseList from './component/CourseList/CourseList';
56
57 function App() {
58     let defaultArr = [
59
60         {
61             id: 'e1',
62             title: "Math",
63         },
64         {
65             id: 'e2',
66             title: "History",
67         }
68     ];
69
70
71     const [courseArr, setCourseArr] = useState(defaultArr);
72
73     function addTitleHandler(getTitle) {
74         //console.log("App Title" + getTitle);
75         let NewObj = {
76             id: Math.random().toString(),
77             title: getTitle,
78         };
79
80         //courseArr = [...courseArr, NewObj]
81         // console.log(courseArr);
82
83         setCourseArr(() => {
84             return [NewObj, ...courseArr];
85         });
86     }
87     return (
88         <div>
89             < CourseForm onAddTitle={addTitleHandler} />
90             {
91                 courseArr.map((element) =>
92                     < CourseList
93                         key={element.id}
94                         title={element.title}
95                     />
96                 )
97             }
98
99         </div>
100
101     );
102
103 }
104 export default App;
105 //***** END ***** */
106
107

```

```

108 // ===== CourseForm.js =====
109 import './CourseForm.css';
110 import React, { useState } from 'react'
111
112 import styles from './CourseForm.module.css';
113
114 function CourseForm(props) {
115
116     const [title, setTitle] = useState("");
117     const [isValid, setIsValid] = useState(true);
118     function courseAddHandler(event) {
119         // console.log(event.target.value);
120         if (title.trim().length > 0) {
121             setIsValid(true);
122         }
123         setTitle(event.target.value);
124     };
125     function submitHandler(event) {
126         event.preventDefault();
127         if (title.trim().length === 0) {
128
129             setIsValid(false);
130
131             setTitle("");
132             return;
133
134         }
135         props.onAddTitle(title);
136         setTitle("");
137
138
139
140
141     };
142     return (
143         // < p className={` ${styles['form-control']} ${ !isValid && styles.isValid}`} > </p>
144
145         // String literal `` back tick
146         <div className={ `Form-main ${!isValid ? 'invalid' : ''}`} >
147             <form>
148                 <label className="Form-label">Course</label> <br />
149                 <input type="text" value={title} onChange={courseAddHandler} /> <br />
150                 <button className="Form-btn" onClick={submitHandler}>Add Course</button>
151
152             </form>
153         </div>
154
155     );
156 };
157 export default CourseForm;
158 //***** END *****/
159
160
161 // ===== CourseForm.css =====

```

```

162 .Form - main{
163     width: 400px;
164     margin: 0 auto;
165     background - color: #96558e;
166     height: 135px;
167     overflow: hidden;
168 }
169 .Form - label{
170     font - size: 20px;
171     font - weight: bold;
172     padding: 15px 1px 0px 11px;
173     margin: 0px;
174     display: block;
175     color: white;
176
177 }
178 .Form - main input{
179     width: 90 %;
180     display: block;
181     margin: -12px 0px 0px 9px;
182     box - sizing: border - box;
183     padding: 5px;
184     outline: none;
185 }
186 .Form - main input: hover{
187     background - color: #ffeeee;
188 }
189 .Form - btn{
190     box - sizing: border - box;
191     padding: 5px;
192     margin: -4px 0px 0px 10px;
193     outline: none;
194     border: 2px solid #cbcec8;
195     background - color: #f7f7f7;
196
197 }
198
199 .Form - main.invalid input{
200     border - color: red;
201     background: #ffd7d7;
202 }
203 .Form - main.invalid label{
204     color: red;
205 }
206 //***** END *****/
207
208
209 // ===== CourseList.js =====
210
211 import './CourseList.css'
212
213 function CourseList(props) {
214
215     return (

```

```
216     <div className="course-list">
217         <ul>
218             <li>{props.title}</li>
219         </ul>
220     </div>
221
222 );
223
224 };
225 export default CourseList;
226 //***** END *****/
227
228
229 // ===== CourseList.css =====
230 .course - list{
231     width: 400px;
232     margin: 10px auto;
233     background - color: #96558e;
234     box - sizing: border - box;
235     padding: 10px;
236     color: white;
237     font - weight: bold;
238     border: 1px solid #3a3a3a;
239     border - radius: 3px;
240 }
241 //***** END *****/
```