

FRONT-END WEB DEVELOPMENT

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ASS1

*pembuatan code pada index.html dan index.js pada file react-demo-cnd

```
index.html x index.js x index.html x index.js x
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <title>Test with CDN</title>
7 </head>
8 <body>
9   <h1>Welcome to this Front-end Web Development</h1>
10  <div id="button"></div>
11
12  <!-- Load React Library -->
13  <script src="https://unpkg.com/react@17/umd/react.development.js" crossorigin></script>
14  <script src="https://unpkg.com/react-dom@17/umd/react-dom.development.js" crossorigin></script>
15
16  <!-- Load Custom JavaScript -->
17  <script src="index.js"></script>
18 </body>
19 </html>
```

```
index.html x index.js x index.html x index.js x
1 "use strict";
2
3 const e = React.createElement;
4
5 class LikeButton extends React.Component {
6   constructor(props) {
7     super(props);
8     this.state = { liked: false };
9   }
10
11   render() {
12     let text = "Like";
13     if (this.state.liked) {
14       // jika sudah di click, maka boleh batalkan.
15       text = "Sudah di Like. Batalkan?";
16     } else {
17       // jika belum di like, maka bisa click "like" lagi.
18       text = "Like";
19     }
20
21     return e(
22       "button",
23       { onClick: () => this.setState({ liked: !this.state.liked }) },
24       text
25     );
26   }
27 }
28
29 const domContainer = document.querySelector("#button");
30 ReactDOM.render(e(LikeButton), domContainer);
```

*Hasil websitenya

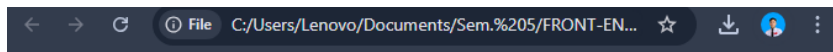


*Pembuatan code pada index.html dan index.js pada file test-demo-javascript

```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <title>Test Javascript</title>
7   <script src="index.js"></script>
8 </head>
9 <body>
10  <h1>Change Background</h1>
11  <p>Click to trigger a function that will change the background.</p>
12
13  <!-- create buttons -->
14  <button onclick="myHello()">Click me !!!</button>
15  <button onclick="bgRed()">Background Red</button>
16  <button onclick="bgBlue()">Background Blue</button>
17  <button onclick="bgGreen()">Background Green</button>
18  <button onclick="bgYellow()">Background Yellow</button>
19  <button onclick="bgWhite()">Background White</button>
20
21  <p id="greetings"></p>
22 </body>
23 </html>
```

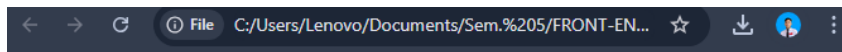
```
1 //function for action performs
2 function myHello() {
3   document.getElementById('greetings').innerHTML = "Hello student, welcome to this class.";
4 }
5
6 function bgRed() {
7   document.body.style.background = 'red';
8 }
9
10 function bgBlue() {
11   document.body.style.background = 'blue';
12 }
13
14 function bgGreen() {
15   document.body.style.background = 'green';
16 }
17
18 function bgYellow() {
19   document.body.style.background = 'yellow';
20 }
21
22 function bgWhite() {
23   document.body.style.background = 'white';
24 }
```

*Hasil websitenya



Change Background

Click to trigger a function that will change the background.

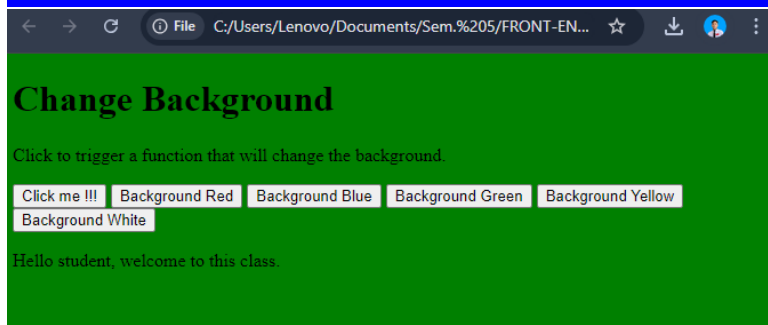
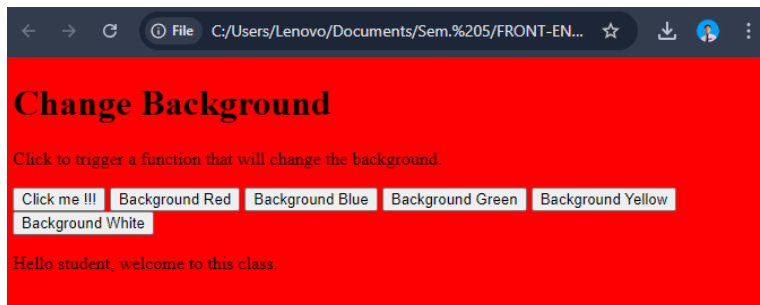


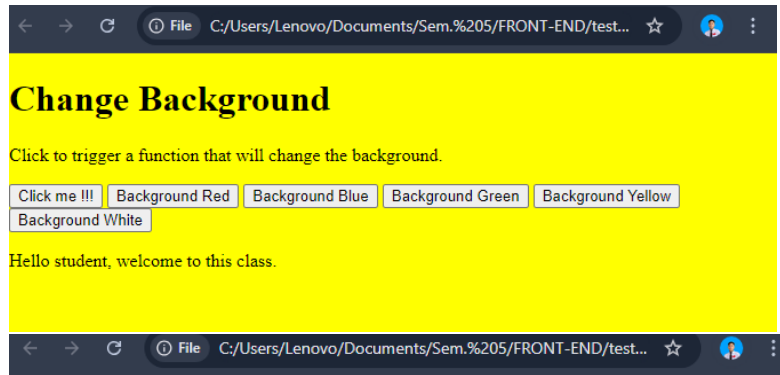
Change Background

Click to trigger a function that will change the background.



Hello student, welcome to this class.





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Click to trigger a function that will change the background.



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