

## WPT Assignment – 12

### Styling: REACT

#### App.js

```
import './App.css';
function App() {
  let mystyle = { color: "white", background: "purple" };

  return (
    <div>

      {/*EXTERNAL STYLE*/}
      <h1 className="beautify">Hello Again!</h1>

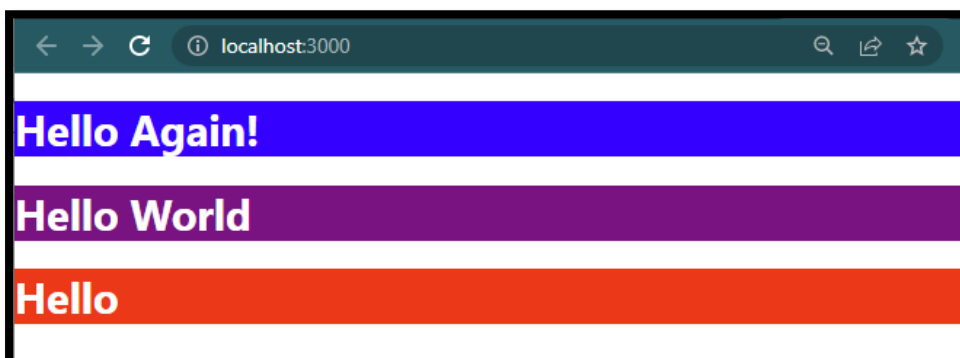
      {/*This is kind of internal. Note:Only one curly braces.*/}
      <h1 style={mystyle}>Hello World</h1>

      {/*This is INLINE STYLE*/}
      <h1 style={{ color: "white", backgroundColor: "red" }}>Hello</h1>
    </div>
  );
}
export default App;
```

#### App.css

```
.beautify {
  color: white;
  background-color: blue;
}
```

#### Output:



## Bootstrap: REACT

### App.js

```
function App() {  
  return (  
    <div>  
      <h1 className="bg-dark text-light p-3">Bootstrap Styling!!</h1>  
  
      <h1 className="bg-success" style={{ color: "greenyellow" }}>  
        hello  
      </h1>  
    </div>  
  );  
}  
  
export default App;
```

### index.css

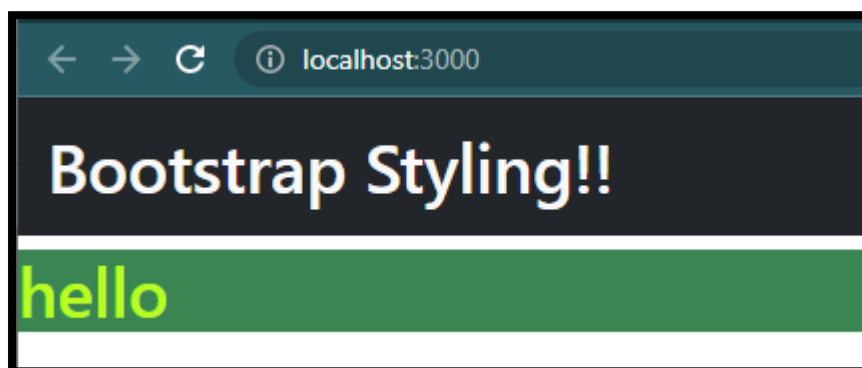
```
.beautify {  
  color: white;  
  background-color: greenyellow;  
}
```

### Index.js

#### //Global CSS

```
import "./index.css";  
import "bootstrap/dist/css/bootstrap.css";
```

#### Output:



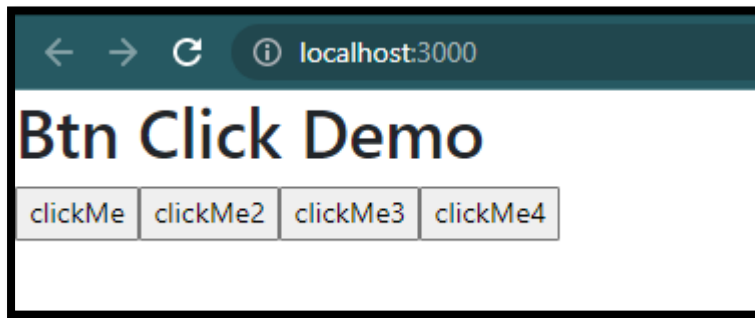
## Button Click (how to pass parameter)

### App.js

```
function App() {  
  /** Default No param */  
  let clickMe = () => {  
    console.log("Hello");  
  };  
  
  /** Default Event Param */  
  let clickMe2 = (e) => {  
    console.log(e);  
  };  
  
  /** Custom Param */  
  let clickMe3 = (p1) => {  
    console.log(p1);  
  };  
  
  /** Event + Custom Param */  
  let clickMe4 = (e, p1) => {  
    console.log(e, p1);  
  };  
  
  return (  
    <div>  
      <h1>Btn Click Demo</h1>  
  
      {/** Default No param */}  
      <input type="button" value="clickMe" onClick={clickMe} />  
  
      {/** Default Event Param */}  
      <input type="button" value="clickMe2" onClick={clickMe2} />  
  
      {/** Custom Param */}  
      <input  
        type="button"  
        value="clickMe3"  
        onClick={() => clickMe3("primary")}  
      />  
  
      {/** Event + Custom Param */}  
      <input  
        type="button"  
        value="clickMe4"  
        onClick={(e) => clickMe4(e, "adsf afd")}  
      </input>  
    )  
  );  
}
```

```
    />  
  </div>  
);  
}  
export default App;
```

### Output:

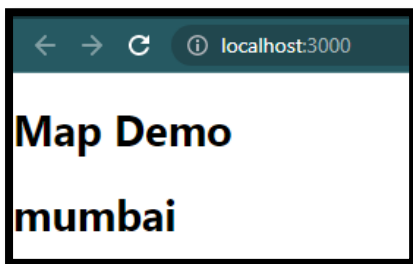


## List + Map Function

### App.js

```
function App() {  
  let title = "Map Demo";  
  let user = { id: 1, city: "mumbai" };  
  
  return (  
    <div>  
      <h1> {title} </h1>  
      <h1>{user.city}</h1>  
    </div>  
  );  
}  
  
export default App;
```

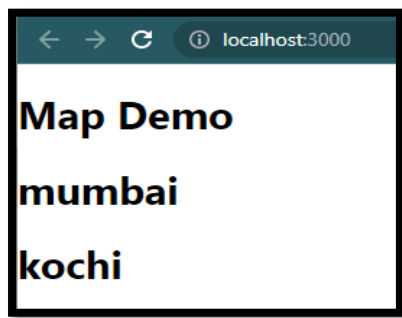
### Output:



### App.js

```
function App() {  
  let title = "Map Demo";  
  let list = ["mumbai", "kochi"];  
  
  return (  
    <div>  
      <h1> {title} </h1>  
  
      {list.map((item) => (  
        <h1>{item}</h1>  
      ))}  
    </div>  
  );  
}  
export default App;  
// [delhi, mumbai] => [<h1>delhi</h1>, <h1>mumbai</h1>]
```

Output:



## Create a messaging app using react components.

### App.js

```
import { useState } from "react";

function App() {
  let [message, setMessage] = useState("Hello");
  let [list, setList] = useState([
    { message: "Hi", messageTime: new Date() },
    { message: "How r u", messageTime: new Date() },
    { message: "Good", messageTime: new Date() },
    { message: "fine bro", messageTime: new Date() },
  ]);

  // Member fn
  let updateInputMessage = (e) => {
    message = e.target.value;
    setMessage(message);
  };

  let addMessage = () => {
    //let newMessage = { message: "Chill bro...!", messageTime: new Date() };
    let newMessage = { message: message, messageTime: new Date() };
    list = [newMessage, ...list];
    setList(list);
    setMessage("");
  };

  let checkEnterEvent = (e) => {
    if (e.keyCode === 13) {
      addMessage();
    }
  };

  return (
    <div>
      <h1 className="bg-primary text-white p-3">Map Demo</h1>
      <div className="d-flex">
        <input
          className="form-control"
          value={message}
          onChange={updateInputMessage}
          type="text"
          placeholder="Enter Message"
          onKeyUp={checkEnterEvent}
        />
      </div>
    </div>
  );
}
```

```

    />
    <input
      className="btn btn-primary"
      type="button"
      value="Add Message"
      onClick={addMessage}
    />
  </div>
  {list.map((item, index) => (
    <div key={index} className="d-flex my-1">
      <div className="badge text-bg-primary">
        {item.message}
      <span className="ms-4">
        {item.messageTime.getHours()}:{item.messageTime.getMinutes()}
      </span>
    </div>
  </div>
  )))
}
</div>
);
}
export default App;

```

## Output:

