Statement Purpose:

To familiarize the students with

- ▣ MERN Stack – React basics
- ▣ React Render HTML
- ▣ React components
- ▣ Programming with JS
- ▣ Programming with JSX

React Render HTML

```jsx
import React from 'react';
import ReactDOM from 'react-dom/client';

const myelement = (
  <table>
   <tr>
     <th>Name</th>
     <th>Company</th>
     <th>Product</th>
   </tr>
   <tr>
     <td>Ali</td>
     <td>XYZ</td>
     <td>ABC</td>
   </tr>
   <tr>
     <td>Ali</td>
     <td>XYZ</td>
     <td>ABC</td>
   </tr>

  </table>
);

const root = ReactDOM.createRoot(document.getElementById('root'));
root.render(myelement);

export default myelement;
```

Start with JSX

```
import React from 'react';
import ReactDOM from 'react-dom/client';

const myElement = <h1>Start with JSX !</h1>;

const root = ReactDOM.createRoot(document.getElementById('root'));
root.render(myElement);


export default myElement;
```

Without using JSX

```
import React from 'react';
import ReactDOM from 'react-dom/client';

const myElement = React.createElement('h1', {}, 'Without JSX!');

const root = ReactDOM.createRoot(document.getElementById('root'));
root.render(myElement);


export default myElement;
```

Expressions in JSX

```
import React from 'react';
import ReactDOM from 'react-dom/client';


const myElement = <h1> Your marks are {5 + 5} in full stack web development</h1>;

const root = ReactDOM.createRoot(document.getElementById('root'));
root.render(myElement);


export default myElement;
```