

Subject: 2104CS512 – JavaScript Framework

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III.		ReactJS
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Assignment 2: Hello world webapp using ReactJS.

```
import React from 'react';
import ReactDOM from 'react-dom/client';
import './index.css';
import ClassComponent from './ClassComponent';
import FunctionComponent from './FunctionComponent';

const root = ReactDOM.createRoot(document.getElementById('root'));
root.render(
  <>
    <h1>hello world</h1>
    <ClassComponent/>
    <FunctionComponent/>
  </>
);
```

Assignment 3: Demonstrate the use of JSX.

File name : JSFdemo.js

```
import React from 'react';

function JSFdemo(){
  return(
    <>
      <h1>hello world</h1>
      <p> from darshan <b> universsity </b></p>
    </>
  );
}
export default JSFdemo;
```

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Assignment 4: WAP to create a simple class component in ReactJS.

File name : ClassComponent.js

```
import React, { Component } from 'react';

class ClassComponent extends Component {

  render() {
    return (
      <div>
        <h1>Hello from Class Component!</h1>
      </div>
    );
  }
}

export default ClassComponent;
```

```
import React, { useState } from 'react';

function FunctionComponent() {
  const [message, setMessage] = useState('Hello from Function Component!');

  return (
    <div>
      <h1>{message}</h1>
    </div>
  );
}

export default FunctionComponent;
```