

# WEEK 6 - REACT

1. REACTJS-HOL:

```
import React from "react";

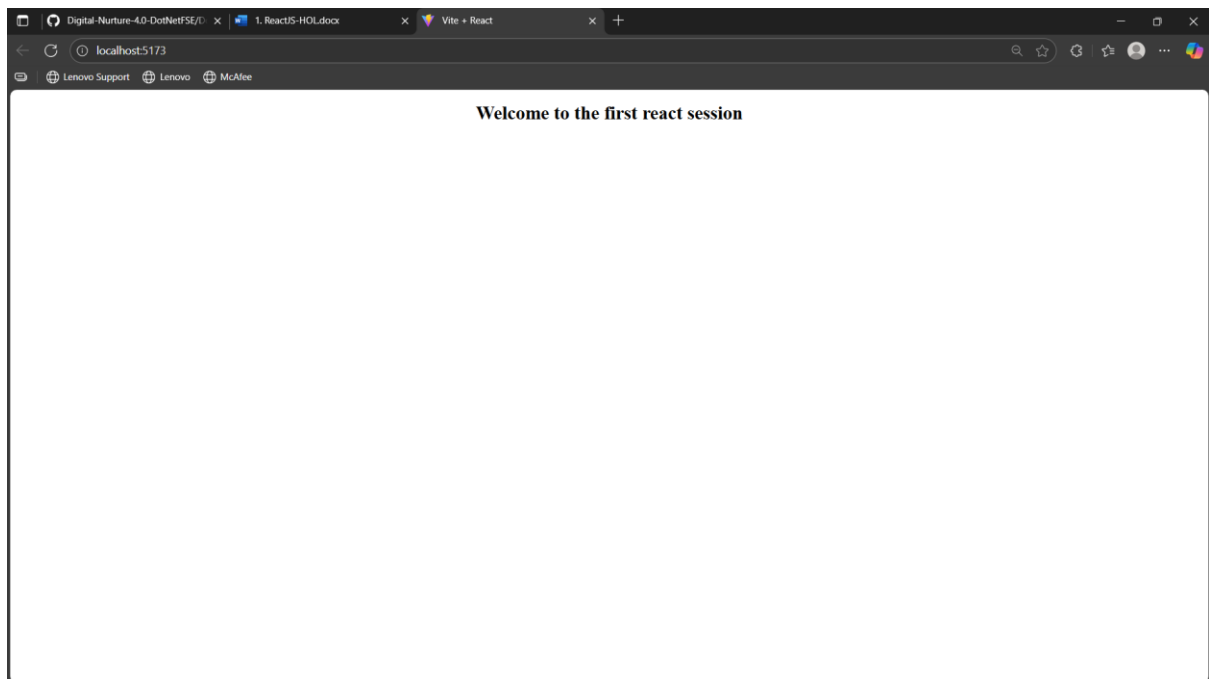
const App = () => {
  return (
    <>
      <h1>Welcome to the first react session</h1>
    </>
  );
};

export default App;
```

index.css:

```
body{
  text-align: center;
}
```

OUTPUT:



## 2.reactjs-hol

```
import React from "react";
import Home from "../home";
import About from '../about';
import Contact from '../contact';
function App(){
  return (
    <>
      <Home/>
      <About/>
      <Contact/>
    </>
  );
};

export default App;
```

```
import React from "react";
function Home(){
  return(
    <>
      <h1>Welcome to the home page of Student management
portal</h1>
    </>
  )
}
export default Home;
```

```
import React from "react";
function Contact(){
  return(
    <>
```

```

        <h1>Welcome to the contact page of Student
management portal</h1>
      </>
    )
  }
export default Contact;

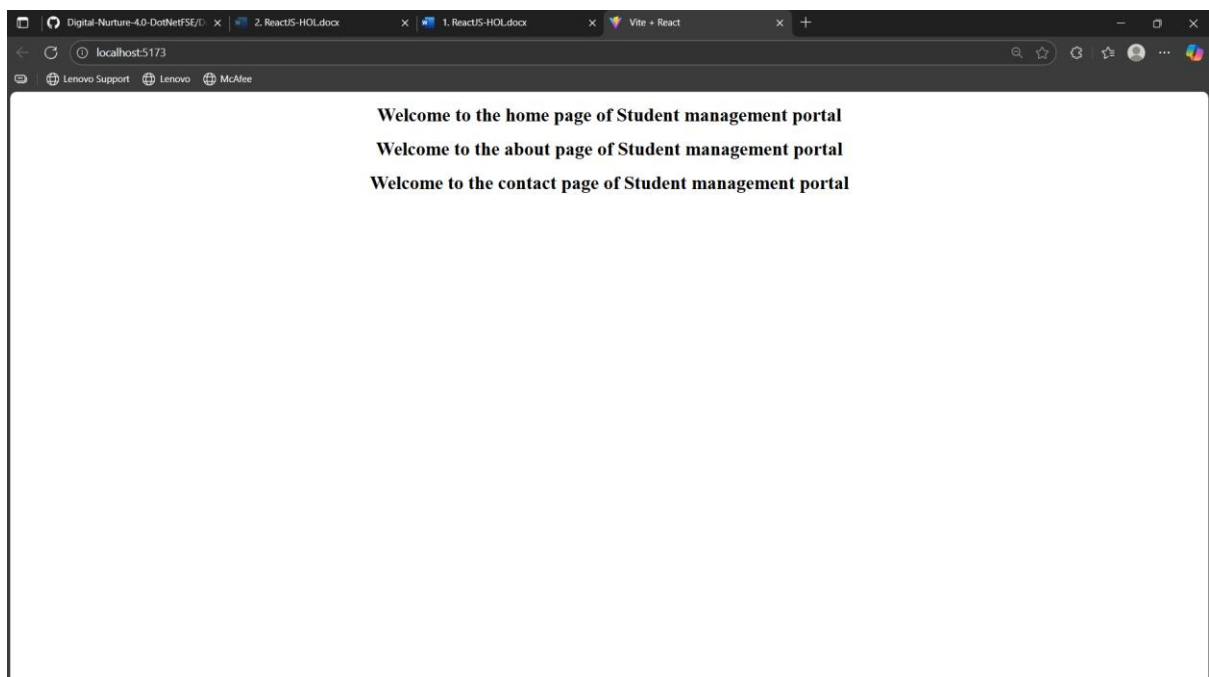
```

```

import React from "react";
function About(){
  return(
    <>
      <h1>Welcome to the about page of Student management
portal</h1>
    </>
  )
}
export default About;

```

OUTPUT:



### 3.REACTJS-HOL:

```
import './Stylesheets/mystyle.css'
```

```
const percentToDecimal= (decimal) => {  
  return (decimal.toFixed(2) + '%')  
}
```

```
const calcScore = (total, goal) => {  
  return percentToDecimal(total/goal)  
}
```

```
export const CalculateScore = ({Name,School, total, goal}) => (  
  <div className="formatstyle">  
    <h1><font color="Brown">Student Details:</font></h1>  
    <div className="Name">  
      <b> <span> Name: </span> </b>  
      <span>{Name}</span>  
    </div>  
    <div className="School">  
      <b> <span> School: </span> </b>  
      <span>{School}</span>  
    </div>  
    <div className="Total">  
      <b><span>Total:</span> </b>  
      <span>{total}</span>  
      <span>Marks</span>  
    </div>  
    <div className="Score">  
      <b>Score:</b>  
      <span>  
        {calcScore(  
          total,  
          goal  
        )}  
      </span>  
    </div>  
  </div>  
)
```

```

.Name
{
  font-weight:300;
  color:blue;
}
.School
{
  color:crimson;
}
.Total
{
  color:darkmagenta;
}
.formatstyle
{
  text-align:center;
  font-size:large;
}
.Score
{
  color:forestgreen;
}

```

```

import {CalculateScore} from '../src/components/CalculateScore';

function App()
{

return(
<div>
  <CalculateScore Name={"Steeve"}
    School={"DNV Public School"}
    total={284}
    goal={3}
  />
</div>
)
}

export default App;

```



## Student Details:

**Name:** Steeve  
**School:** DNV Public School  
**Total:** 284Marks  
**Score:**94.67%

### 4.REACTJS-HOL:

```
JS Post.js U X
1  class Post {
2      constructor(id, title, body){
3          this.id=id;
4          this.title=title;
5          this.body=body;
6      }
7  }
8  export default Post;
```

```
JS Posts.js U X
1  class Posts extends React.Component {
2      constructor(props){
3          super(props);
4      }
5  }
```

```
JS Posts.js U X
1  class Posts extends React.Component {
2    constructor(props){
3      super(props);
4      //code
5    }
6    loadPosts() {
7      //code
8    }
9    componentDidMount() {
10     //code
11   }
12 }
```

```
JS Posts.js U X
1  class Posts extends React.Component {
2    > constructor(props) { ...
5    }
6    > loadPosts() { ...
8    }
9    > componentDidMount() { ...
11   }
12   render() {
13     //code
14   }
15 }
```

```
JS Posts.js U X
1  class Posts extends React.Component {
2  >    constructor(props) { ...
5      }
6  >    loadPosts() { ...
8      }
9  >    componentDidMount() { ...
11     }
12 >    render() { ...
14     }
15     componentDidCatch(error, info) {
16     //code|
17     }
18 }
```