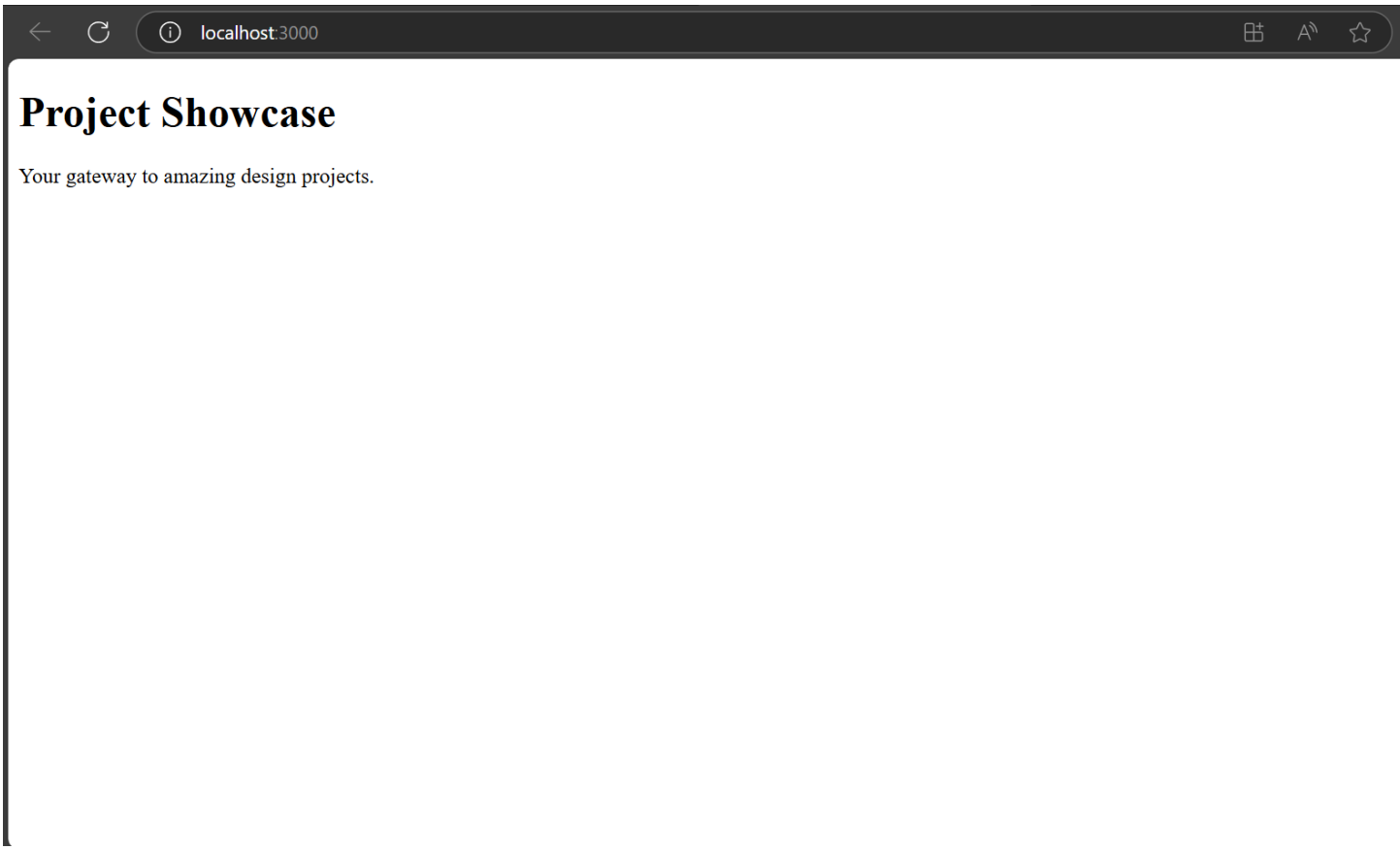
React Assignments

Code:-

App.js

```
<div>
<h1>Project Showcase</h1>
<p>Your gateway to amazing design projects.</p>
</div>
```

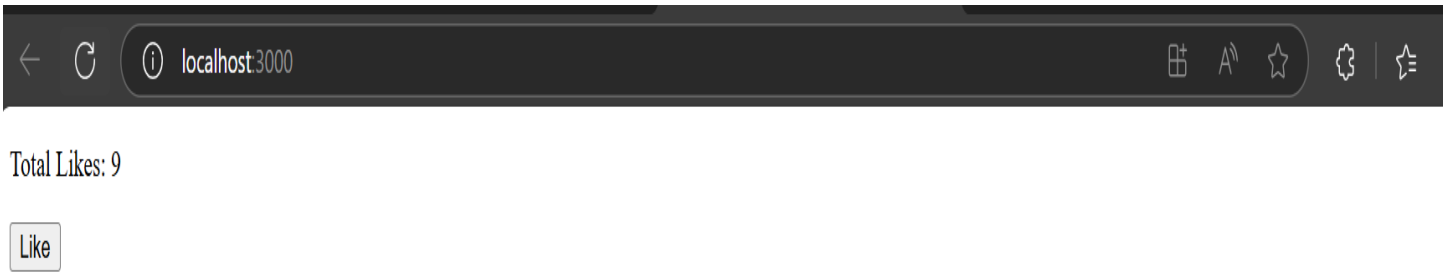
Output:-



Counter.jsx

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

export default function Counter(){
   const[like,setLike]=useState(0);
   return(
      <div>
         <p>Total Likes: {like}</p>
         <button onClick={()=>setLike(like+1)}>Like</button>
```

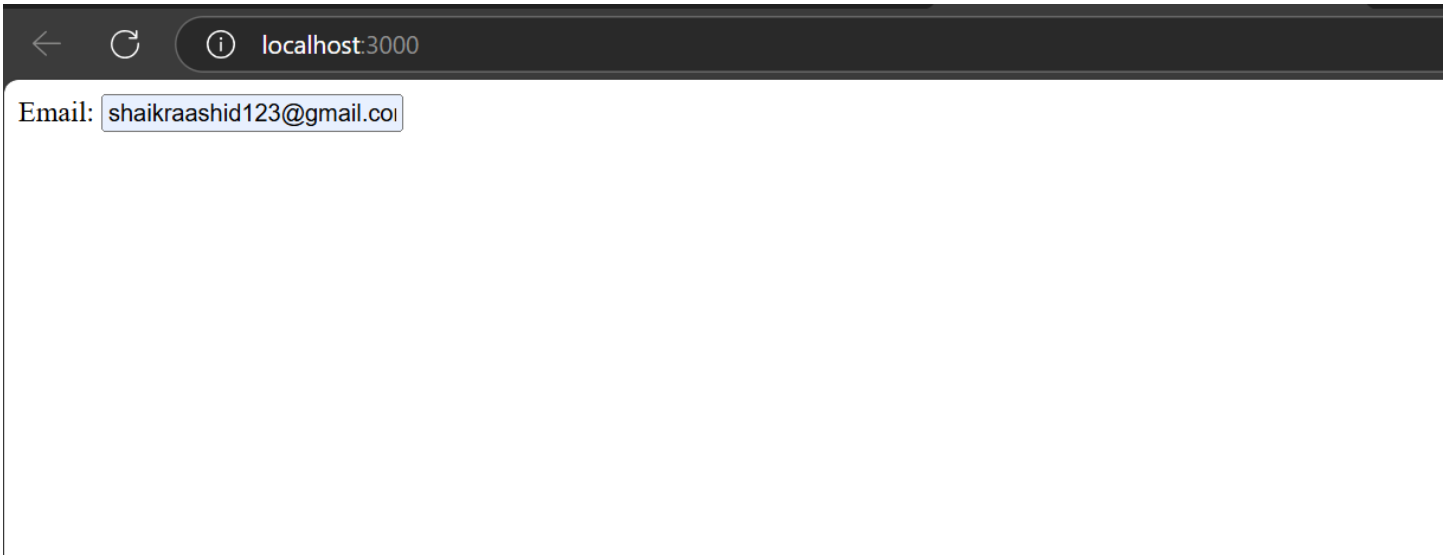
```
      </div>
    );
}
```



ControlledComponents.jsx

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

export default function ControlledComponents(){
    const[email,setEmail]=useState("");
    return(
```

```
      <div>
         <label>Email: </label>
         <input type="text" value={email}
onChange={(e)=>setEmail(e.target.value)}/>
      </div>
   );
}
```



Code

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

export default function ConditionalRendering(){
   const[day,setDay]=useState(true);
```

```
   return(
      <div>
         <button onClick={()=>setDay(!day)}>Switch to {day ?
'Night':'Day'}</button>
         <p>Current Mode: {day ? 'Day' : 'Night'}</p>
      </div>
   );
}
```

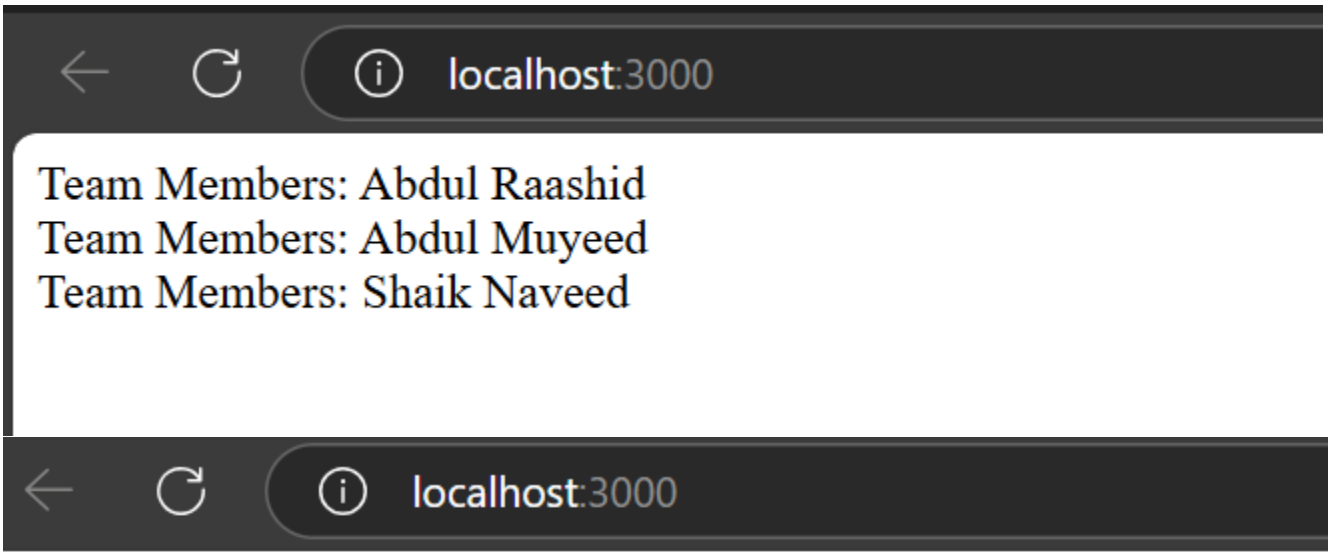
App.js

```
export default function App() {
  return (

 <div>
    <Propstry name="Abdul Raashid"/>
  <Propstry name="Abdul Muyeed"/>
   <Propstry name="Shaik Naveed"/>

 </div>
```

Propstry.jsx

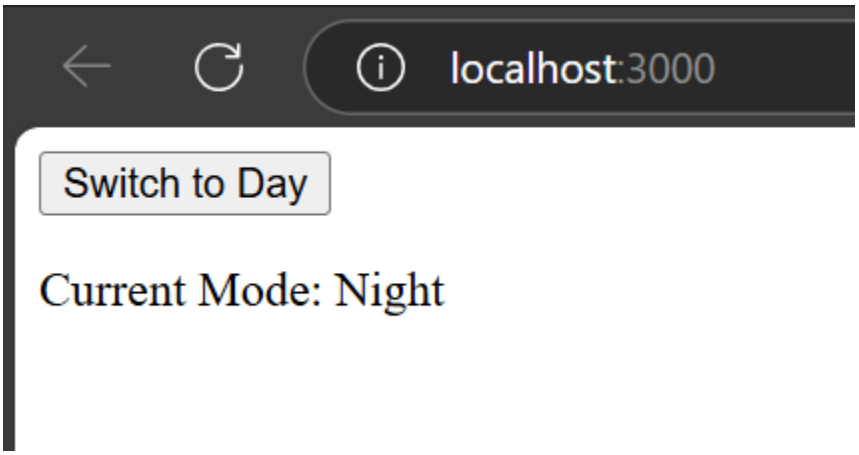
```
export default function Propstry({name}){
   return(
      <div>
```

```
          Team Members: {name}
        </div>
    );
}
```



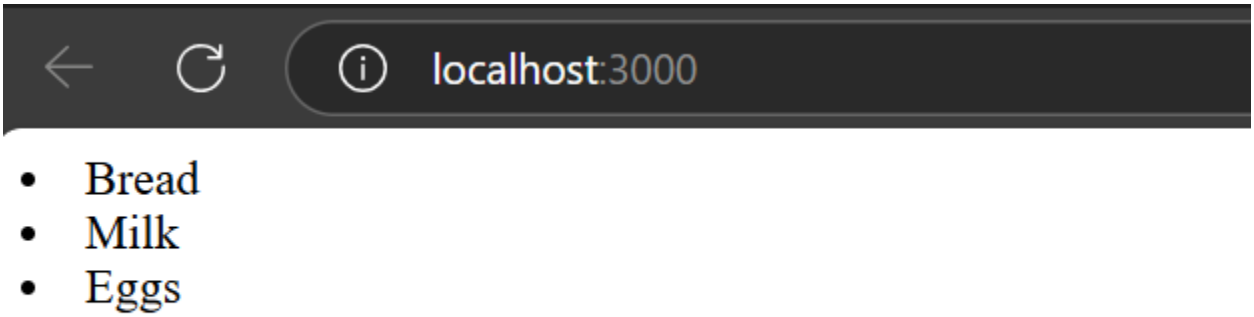
Switch to Night

Current Mode: Day



DynamicRendering.jsx

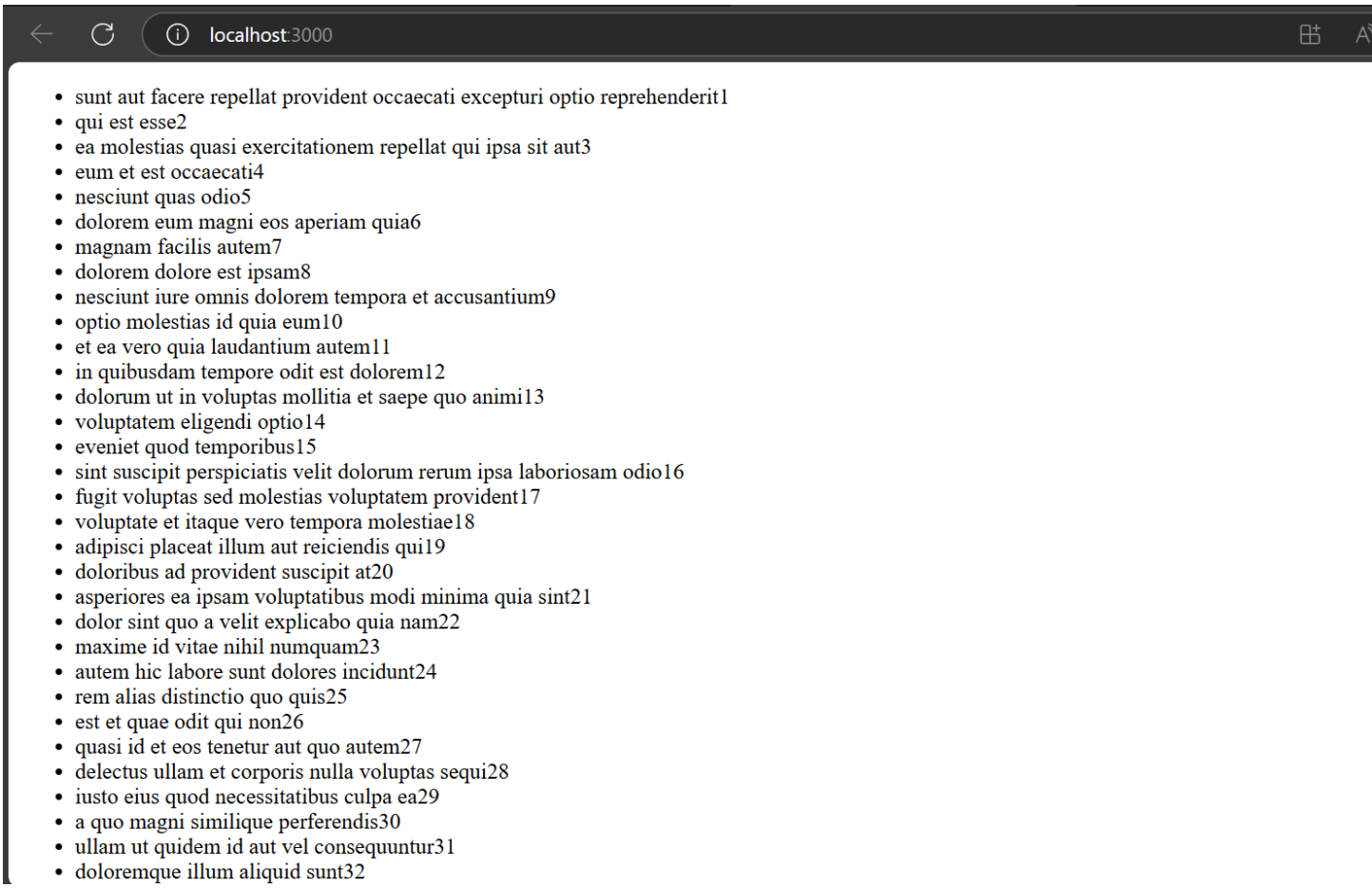
```
export default function DynamicRendering(){
const[items,setItems]=useState(['Bread','Milk','Eggs']);
return(
<div>
{items.map((item,index)=>(
<li key={index}>
{item}
</li>
))}
```



Code

```
<h1 style={{ color: 'teal', textAlign: 'center' }}>Join Our
Newsletter</h1>
.ctaButton {
background-color: orange;
color: white;
padding: 10px 20px;
border: none;
}
import styles from './Button.module.css';
<button className={styles.ctaButton}>Subscribe</button>


import { useEffect, useState } from "react";

export default function UseEffect(){
   const[data,setData]=useState([]);
   const[error,setError]=useState([]);
   useEffect(()=>{
      fetch('https://jsonplaceholder.typicode.com/posts')
      .then((res)=>res.json())
      .then((datas)=>setData(datas))
      .catch(console.error(error))
   },[])
   return(
      <div>
```

```
        <ul>
          {data.map((d,index)=>(
            <li key={index}>
              {d.title}
              {d.id}
            </li>
          ))}
        </ul>
      </div>
    );
}
```


localhost:3000
sunt aut facere repellat provident occaecati excepturi optio reprehenderit1
qui est esse2
ea molestias quasi exercitationem repellat qui ipsa sit aut3
eum et est occaecati4
nesciunt quas odio5
dolorem eum magni eos aperiam quia6
magnam facilis autem7
dolorem dolore est ipsam8
nesciunt iure omnis dolorem tempora et accusantium9
optio molestias id quia eum10
et ea vero quia laudantium autem11
in quibusdam tempore odit est dolorem12
dolorum ut in voluptas mollitia et saepe quo animi13
voluptatem eligendi optio14
eveniet quod temporibus15
sint suscipit perspiciatis velit dolorum rerum ipsa laboriosam odio16
fugit voluptas sed molestias voluptatem provident17
voluptate et itaque vero tempora molestiae18
adipisci placeat illum aut reiciendis qui19
doloribus ad provident suscipit at20
asperiores ea ipsam voluptatibus modi minima quia sint21
dolor sint quo a velit explicabo quia nam22
maxime id vitae nihil numquam23
autem hic labore sunt dolores incidunt24
rem alias distinctio quo quis25
est et quae odit qui non26
quasi id et eos tenetur aut quo autem27
delectus ullam et corporis nulla voluptas sequi28
iusto eius quod necessitatibus culpa ea29
a quo magni similique perferendis30
ullam ut quidem id aut vel consequuntur31
doloremque illum aliquid sunt32

localhost:3000
HomeAbout
This is Home Page

useFetch.js:

```
import { useState, useEffect } from 'react';
export function useFetch(url) {
const [data, setData] = useState(null);
const [loading, setLoading] = useState(true);
useEffect(() => {
fetch(url)
.then(response => response.json())
.then(json => {
setData(json);
setLoading(false);
});
}, [url]);
return { data, loading };
}
```

App.js:

```
const { data, loading } =
useFetch('https://jsonplaceholder.typicode.com/users');


if (loading) return <p>Loading...</p>;
return (
<ul>
{data.map(user => (
<li key={user.id}>{user.name}</li>
))}
</ul>
);
```