

## Day-4:

### 1.List program:

#### App.js:

```
import React from "react";
const Renderinglist=()=>{
  const fruits = [{id:1, name:"apple"},{id:2, name:"orange"}]
  return(
    <div>
      <ul>
        {
          fruits.map((fruit,index)=> (
            <li>{fruit.name}</li>
          )))
        }
      </ul>
    </div>
  )
}
export default Renderinglist
```

---

### 2.List coloring tag:

```
import React from "react";
const Renderinglist=()=>{
  const fruits = [{id:1, name:"apple"},{id:2, name:"orange"}]
  const style={
    color:'red'
  }
  return(
    <div>
      <ul>
        {
          fruits.map((fruit,index)=> (
            <li style={style}>{fruit.name}</li>
          )))
        }
      </ul>
    </div>
  )
}
export default Renderinglist
```

---

### 3.Styled button:

#### App.js:

```
import React from "react";
import StyledButton from "../components/styledbutton";
function App()
{
  return(
    <div>
      <StyledButton>Login</StyledButton>
    </div>
  )
}
export default App
```

#### styledbutton.js:

```
import React from "react";
import styled from "styled-components";
const StyledButton = styled.button
`
  color: red;
  background-color: lightblue;
  &:hover{
    background-color:blue;
  }
`
export default StyledButton;
```

OUTPUT:



#### 4.Header and Footer:

App.js:

```
import React from "react";
import StyledButton from "../components/styledbutton";
import './App.css'
import Header from "../components/Header";
import Footer from "../components/Footer";
function App()
{
  return(
    <div>
      <Header/>
      <Footer/>
    </div>
  )
}
export default App
```

## Header.js:

```
import React from 'react'
const Header = () => {
  return (
    <div>Header</div>
  )
}
export default Header
```

## Footer.js:

```
import React from 'react'
const Footer = () => {
  return (
    <div>Footer</div>
  )
}
export default Footer
```

OUTPUT:



---

CE:

App.js:

```
import React from "react";
import Muisample from "../components/Muisample";
import Muisample2 from "../components/Muisample2";
import Button from '@mui/material/Button';
function App() {
  return (
    <div>
      <h2>Enter your name favourite fruit</h2>
      <Muisample/>
      <Muisample2/>
      <br></br>
      <Button variant="contained">Submit</Button>
    </div>
  )
}
export default App
```

Muisample.js:

```
import * as React from 'react';
import Box from '@mui/material/Box';
```

```
import TextField from '@mui/material/TextField';

export default function BasicTextFields() {
  return (
    <Box
      component="form"
      sx={{
        '& > :not(style)': { m: 1, width: '25ch' },
      }}
      noValidate
      autoComplete="off"
    >

      <TextField id="standard-basic" label="Name" variant="standard" />
    </Box>
  );
}
```

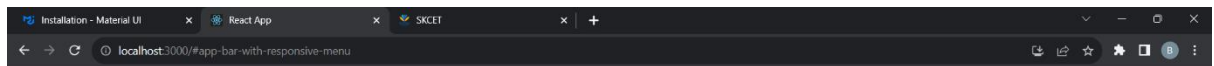
## Muisample2.js:

```
import * as React from 'react';
import TextField from '@mui/material/TextField';
import Autocomplete from '@mui/material/Autocomplete';

export default function ComboBox() {
  return (
    <Autocomplete
      disablePortal
      id="combo-box-demo"
      options={fruits}
      sx={{ width: 300 }}
      renderInput={(params) => <TextField {...params} label="Choose a
fruit"/>}
    />
  );
}

const fruits = [
  { label: 'Apple'},
  { label: 'Banana'},
  { label: 'Cherry'},
  { label: 'Durian'},
  { label: 'Elderberry'},
];
```

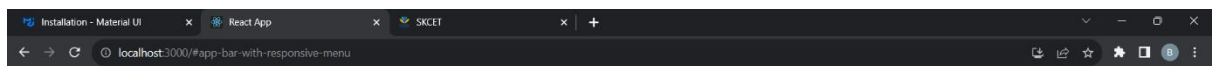
OUTPUT:



## Enter your name favourite fruit

Name

Choose a fruit



## Enter your name favourite fruit

Name

Choose a fruit