Day 1:

Node Install , create sample React Project

Create Simple Components

Create css file along with the component

Import the css file in the component

import './Test.css'

Option 1: Normal Function component

function Test(){

  return (

    <div>

      <ul>

        <li>Delhi</li>

        <li>Jaipur</li>

        <li>Pune</li>

      </ul>

    </div>

  )

}

Option 2: Arrow Function component

const Test = () => {

  return (

    <div>

      <ul>

        <li>Delhi</li>

        <li>Jaipur</li>

        <li>Pune</li>

      </ul>

    </div>

  )

}

Option 3: use local Array + Map

const Test1 = () => {

 const cities=["Apple","Jaipur","Pune","Mumbai"]

  return (

    <div>

        <ul>

        {

        cities.map((city)=>(<li>{city}</li>))

        }

      </ul>

    </div>

  )

}

Option 4: Import Data from another file (String Array)

data.js

const cities=["Apple","Jaipur","Pune","Mumbai"]

export default cities

import cities from './data.js'

const Test1 = () => {

  return (

    <div>

        <ul>

        {

        cities.map((city)=>(<li>{city}</li>))

        }

      </ul>

    </div>

  )

}

Option 5 : Import Data from another file (Array of Objects)

product.js put the data into this file and export

<https://jsonplaceholder.typicode.com/users>

<https://fakestoreapi.com/products>

import products from '../data/products.js'

const Navbar = () => {

    let categories=products.map(

        (product)=>(product.category)

    )

    console.log(categories)

    let uniqueCategories=new Set(categories)

    console.log(uniqueCategories)

    let categoryWithFurniture=[...uniqueCategories,'Furniture']

    console.log(categoryWithFurniture)

  return (

    <div>

            <ul>

                {

                    categoryWithFurniture.map(

                    (category)=>(<li>{category}</li>)

                    )

                }

            </ul>

    </div>

  )

}

export default Navbar

Option 6: Multiple Components

//component 1

const Header = () => <h2>City List</h2>;

//component 2

const CityList = () => (

  <ul>

    <li>Delhi</li>

    <li>Jaipur</li>

    <li>Pune</li>

  </ul>

);

const App = () => (

  <div>

    <Header />

    <CityList />

  </div>

);

export default App;