**React Tutorial Codes**

1) React Fragment

import React from 'react';

import ReactDOM from 'react-dom';

ReactDOM.render(

<React.Fragment>

// inspect e <div> jate extra na dekhai se jnno <React.Fragment> ) //

<h1> Hello World!!! </h1>

<p>I Hate a Girl</p>

<h2>I Love a Girl</h2>

</React.Fragment>,

document.getElementById("root") );

//(eita lekhar karon index.html e <div id="root"> </div> ase)//

2) h1, p Element Using By [ ]

import React from 'react';

import ReactDOM from 'react-dom';

ReactDOM.render(

[

<h1> Hello World!!! </h1>,

<p>I Hate a Gitl</p>,

<h2>I Love a Girl</h2>,

],

document.getElementById("root") );

JavaScript:

var h1= document.createElement("h1");

h1.innerHTML = "Sagor Raihan";

document.getElementById("root").appendChild(h1);

2) h1, p Element Using By <> </>

import React from 'react';

import ReactDOM from 'react-dom';

ReactDOM.render(

<>

<h1> Hello World!!! </h1>

<p>I Hate a Gitl</p>

<h2>I Love a Girl</h2>

</>,

document.getElementById("root") );

Create a React app

Add one h1 element in it

Add one p element in it

Add list of favorite 5 netflix series in it using an order list

import React from 'react';

import ReactDOM from 'react-dom';

ReactDOM.render(

<>

<h1> Sagor Raihan </h1>

<p>My Netflix Favorites 5 series</p>

<ol>

<li>SuperMan</li>

<li>BatMan</li>

<li>IronMan</li>

<li>SpiderMan</li>

<li>AntMan</li>

</ol>

</>,

document.getElementById("root") );

Javascript Use In React( Javascript > Html > {} )

import React from 'react';

import ReactDOM from 'react-dom';

const name= "Sagor Raihan";

ReactDOM.render(

<>

<h1>My Name Is {flname}</h1>

<p>Math Is {3+3\*5-9/6}</p>

<p>Math Is {Math.random()}</p>

</>,

document.getElementById("root") );

Create a React app

Add one h1 element your name

Add one p element in it with current date

Add one p element in it with current date

import React from 'react';

import ReactDOM from 'react-dom';

const name = "Sagor Raihan";

const currDate = new Date().toLocaleDateString();

const currTime = new Date().toLocaleTimeString();

ReactDOM.render(

<>

<h1> My name is {name}</h1>

<h1> My name is Sagor Raihan</h1>

<p> Current Date is = {currDate}</p>

<p> Current Time is = {currTime}</p>

</>,

document.getElementById("root")

);

Name Editing By conentEditable, Image and Link view

import React from 'react';

import ReactDOM from 'react-dom';

const name = "Sagor Raihan";

const img1 = "https://picsum.photos/200/300";

const img2 = "https://picsum.photos/250/300";

const img3 = "https://picsum.photos/300/300";

const img4 = "https://picsum.photos/400/350";

const links = "https://www.facebook.com/sagor.raihan.9/";

ReactDOM.render(

<>

<h1 contentEditable="true">My name is {name}</h1>

<img src={img1} alt="randomImages"/>

<img src={img2} alt="randomImages"/>

<img src={img3} alt="randomImages"/>

<a href= {links} target="Sagor Raihan">

<img src={img4} alt="randomImages"/>

</a>

</>,

document.getElementById("root")

);

CSS Styling & Importing CSS Files in React JS

Class Vs ClassName in React JS

HTML

import React from 'react';

import ReactDOM from 'react-dom';

import "./index.css";

const name = "Sagor Raihan";

const img1 = "https://picsum.photos/200/300";

const img2 = "https://picsum.photos/250/300";

const img3 = "https://picsum.photos/300/300";

const img4 = "https://picsum.photos/300/300";

const links = "https://www.facebook.com/sagor.raihan.9/";

ReactDOM.render(

<>

<h1 className="heading"> My name is {name} </h1>

<div className="img\_div">

<img src={img1} alt="randomImages"/>

<img src={img2} alt="randomImages"/>

<img src={img3} alt="randomImages"/>

<a href= {links} target="Sagor Raihan">

<img src={img4} alt="randomImages"/>

</a>

</div>

</>,

document.getElementById("root")

);

CSS

\*{margin : 0; padding : 0; box-sizing: border-box;}

.heading{

color: #fa9191;

text-align: center;

text-transform: capitalize;

font-weight: bold;

text-shadow: 0px 2px 4px #ffe9c5;

margin : 70px 0;

}

.img\_div{

    display: flex;

    justify-content: center;

}

.img\_div img{

    width : 250px;

    height : 300px;

}

# How to use Google fonts in React JS Application

* Go fonts.google.com
* Search Jose
* <link href="https://fonts.googleapis.com/css2?family=**Josefin+Sans:wght@100**&display=swap" rel="stylesheet">
* font-family: 'Josefin Sans', sans-serif;

<!DOCTYPE html>

<html lang="en">

  <head>

    <link href="https://fonts.googleapis.com/css2?family=Josefin+Sans:wght@100&display=swap" rel="stylesheet">

  </head>

  <body>

    <noscript>You need to enable JavaScript to run this app.</noscript>

    <div id="root"></div>

  </body>

</html>

.heading{

color: #fa9191;

text-align: center;

text-transform: capitalize;

font-weight: bold;

text-shadow: 0px 2px 4px #ffe9c5;

margin : 70px 0;

font-family: 'Josefin Sans', sans-serif;

}

# Internal CSS & Inline CSS Styling In React

import React from 'react';

import ReactDOM from 'react-dom';

import "./index.css";

const name = "Sagor Raihan";

const img1 = "https://picsum.photos/200/300";

const img2 = "https://picsum.photos/250/300";

const img3 = "https://picsum.photos/300/300";

const img4 = "https://picsum.photos/300/300";

const links = "https://www.facebook.com/sagor.raihan.9/";

    const heading = { color: "#fa9191",

                      textTransform : "capitalize",

                      textAlign : "center",

                      fontWeight: "bold",

                      textShadow: "0px 2px 4px #ffe9c5",

                      margin : "70px 0",

                      fontFamily: ' "Josefin Sans", sans-serif ',

                      };

ReactDOM.render(

<>

<h1 style = {heading}> My name is {name} </h1>

<div className="img\_div">

<img src={img1} alt="randomImages"/>

<img src={img2} alt="randomImages"/>

<img src={img3} alt="randomImages"/>

<a href= {links} target="Sagor Raihan">

<img src={img4} alt="randomImages"/>

</a>

</div>

</>,

document.getElementById("root")

);

Create a React App

Show a heading that says Hello sir, Good Morning, If time is between 1 to 11am

Good Afternoon, If 12pm to 7pm

Good Night, If 7pm till Midnight

Apply CSS in it , then Dynamically change the color of the greeting parts only using inline CSS Style.Exmple : Green,Orange

import React from "react";

import ReactDOM from "react-dom";

import "./index.css";

let curDate = new Date();

curDate = curDate.getHours();

let greeting = " ";

const cssStyle = { };

if(curDate >= 1 && curDate <=12){

    greeting = "Good Morning";

    cssStyle.color = "Green";

}

else if(curDate >= 12 && curDate <=18){

    greeting = "Good AfterNoon";

    cssStyle.color = "Red";

}

else{

    greeting = "Good Night";

    cssStyle.color = "Black";

}

ReactDOM.render(

<div>

<h1> Hello Sir, <span style={cssStyle}>{greeting}</span> </h1>

</div>,

document.getElementById("root")

);

Index.CSS

body

{

    background-color: #b4f2e1;

    box-sizing : border-box;

    margin : 0;

    padding : 0%;

    font-family: "Josefin Sans", sans-serif;

}

div

{

width : 100%;

height : 100vh;

display : flex;

justify-content : center;

align-items : center;

margin-top : -30px;

}

h1

{

padding : 20px 20px;

background-color: #ffe9c5;

color : #fa9191;

}

# React Components in Hindi | Functional Component in React JS

Index.js

import React from 'react';

import ReactDOM from 'react-dom';

import App from "./App";

ReactDOM.render(

<App/>,

document.getElementById("root")

);

Heading.jsx

import React from 'react';

function Heading(){

    return <h1>My Name Is Sagor Raihan</h1>;

}

export default Heading;

Para.jsx

import React from 'react';

function Para(){

return <p>This Is My World</p>;

}

export default Para;

List.jsx

import React from 'react';

function List(){

    return(

    <ol>

    <li>Sagor Raihan</li>

    <li>Sagor Raihan</li>

    <li>Sagor Raihan</li>

    <li>Sagor Raihan</li>

    <li>Sagor Raihan</li>

</ol>

);

}

export default List;

App.jsx

import React from 'react';

import Heading from "./Heading";

import Para from "./Para";

import List from "./List";

function App(){

    return(

    <>

    <Heading/>

    <Para/>

    <List/>

    </>

    );

}

export default App;

# Rewrite our React Project into Components in React JS

index.js

import React from 'react';

import ReactDOM from 'react-dom';

import App2 from "./App2";

import "./index.css";

ReactDOM.render(

<App2/>,

document.getElementById("root")

);

App2.jsx

import React from 'react';

function App2(){

    let curDate = new Date();

    curDate = curDate.getHours();

    let greeting = " ";

    const cssStyle = { };

    if(curDate >= 1 && curDate <=12){

        greeting = "Good Morning";

        cssStyle.color = "Green";

    }

    else if(curDate >= 12 && curDate <=18){

        greeting = "Good AfterNoon";

        cssStyle.color = "Red";

    }

    else{

        greeting = "Good Night";

        cssStyle.color = "Black";

    }

    return (

        <>

        <div>

        <h1> Hello Sir, <span style={cssStyle}>{greeting}</span> </h1>

        </div>

        </>

    )

}

export default App2;

# ES6 Modules Import Export in React JS

Index.js

import React from 'react';

import ReactDOM from 'react-dom';

import myname, {mydream, myName, myNames} from './App';

ReactDOM.render(

    <>

    <ol>

        <li>{myname}</li>

        <li>{mydream}</li>

        <li>{myName()}</li>

        <li>{myNames()}</li>

    </ol>

    </>,

    document.getElementById("root")

);

OR

Index.js

import React from 'react';

import ReactDOM from 'react-dom';

import \* as ques from './App';

ReactDOM.render(

    <>

    <ol>

        <li>{ques.myname}</li>

        <li>{ques.mydream}</li>

        <li>{ques.myName()}</li>

        <li>{ques.myNames()}</li>

    </ol>

    </>,

    document.getElementById("root")

);

App.jsx

import React from 'react';

const myname = "Sagor Raihan";

const mydream = "React Js";

function myName(){

     let name = "Sagor";

     return name;

}

function myNames(){

    let names = "Raihan";

    return names;;

}

export {myname, mydream, myName, myNames};

# Create Simple Calculator App in React

Index.js

import React from 'react';

import ReactDOM from 'react-dom';

import App3 from "./App3";

ReactDOM.render(

<App3/>,

  document.getElementById("root")

);

App3.jsx

import React from 'react';

import \* as ques from "./Calc";

//import {add,sub,mul,div} from "./Calc";

function App3(){

    return(

    <ol>

        <li>{ques.add(40,4)}</li>

        <li>{ques.sub(40,4)}</li>

        <li>{ques.mul(40,4)}</li>

        <li>{ques.div(40,3s)}</li>

    </ol>

    );

}

export default App3;

Calc.jsx

import React from 'react';

function add(a,b){

    let sum = a+b;

    return sum;

}

function sub(a,b){

    let sub = a-b;

    return sub;

}

function mul(a,b){

    let mul = a\*b;

    return mul;

}

function div(a,b){

    let div = a/b;

    div = div.toFixed(2);

    return div;

}

export {add, sub, mul, div};

# Props in React Js in Hindi | React JS Project Netflix App

Index.js

import React from 'react';

import ReactDOM from 'react-dom';

import Card from "./Cards";

ReactDOM.render(

<>

<Card

    imgsrc="https://wallpapercave.com/wp/wp4056410.jpg"

    title="A Netflix Original Series"

    sname="Dark"

    link="https://netflix.com/in/title/80990668?source=35"

/>

<Card

    imgsrc="https://hitc.com/static/uploads/hitcn/1816"

    title="Netflix Original Series"

    sname="Extra Curricular"

    link="https://netflix.com/in/title/80990668?source=35"

/>

<Card

    imgsrc="https://wallpapercave.com/wp/wp4056410.jpg"

    title="Netflix Original Series"

    sname="Stranger Things"

    link="https://netflix.com/in/title/80990668?source=35"

/>

</>,

    document.getElementById("root")

);

Cards.jsx

import React from 'react';

function Card(props){

    return(

<>

<div className="cards">

<div className="card">

<img src={props.imgsrc} alt="mypic" className="card\_img"></img>

<div className="card\_info">

<span className="card\_catagory">{props.title}</span>

<h3 className="card\_title">{props.sname}</h3>

<a href={props.link} target="\_blank">

    <button>Watch Now</button>

</a>

       </div>

      </div>

</div>

</>

)

}

export default Card;

# Completing React JS Netflix App #3 | Array Map & Fat Arrow function in React Js

Index.js

import React from 'react';

import ReactDOM from 'react-dom';

import Card from "./Cards";

import "./index.css";

import Sdata from "./Sdata";

function ncard(val){

    return(

        <Card

        imgsrc = {val.imgsrc}

        title = {val.title}

        sname = {val.sname}

        link = {val.link}

        />

);

}

ReactDOM.render(

<>

<h1  className="heading\_style">List of 5 Netflix series in 2022</h1>

{Sdata.map(ncard)}

</>,

    document.getElementById("root")

);

Index2.jsx

import React from 'react';

import ReactDOM from 'react-dom';

import Card from "./Cards";

import "./index.css";

import Sdata from "./Sdata";

ReactDOM.render(

<>

<h1  className="heading\_style">List of 5 Netflix series in 2022</h1>

{Sdata.map(function ncard(val){

    return(

        <Card

        imgsrc = {val.imgsrc}

        title = {val.title}

        sname = {val.sname}

        link = {val.link}

        />

);

}

)

}

</>,

    document.getElementById("root")

);

Index3.jsx

import React from 'react';

import ReactDOM from 'react-dom';

import Card from "./Cards";

import "./index.css";

import Sdata from "./Sdata";

ReactDOM.render(

<>

<h1  className="heading\_style">List of 5 Netflix series in 2022</h1>

  {Sdata.map((val) => {

    return(

        <Card

        imgsrc = {val.imgsrc}

        title = {val.title}

        sname = {val.sname}

        link = {val.link}

        />

    );

  }

  )

}

</>,

    document.getElementById("root")

);

Sdata.jsx

const Sdata = [

    {

        imgsrc : "https://wallpapercave.com/wp/wp4056410.jpg",

        title : "A Netflix Original Series",

        sname : "Dark",

        link : "https://netflix.com/in/title/80990668?source=35",

    },

    {

        imgsrc : "https://i.pinimg.com/474x/7b/19/58/7b19584ec5ffba063a121508e78fe7a4.jpg",

        title : "Netflix Original Series",

        sname : "My First Love",

        link : "https://netflix.com/in/title/80990668?source=35",

    },

    {

        imgsrc : "https://wallpapercave.com/wp/wp4056410.jpg",

        title : "A Netflix Original Series",

        sname : "Dark",

        link : "https://netflix.com/in/title/80990668?source=35",

    },

    {

        imgsrc : "https://i.pinimg.com/474x/7b/19/58/7b19584ec5ffba063a121508e78fe7a4.jpg",

        title : "Netflix Original Series",

        sname : "My First Love",

        link : "https://netflix.com/in/title/80990668?source=35",

    },

{

        imgsrc : "https://wallpapercave.com/wp/wp4056410.jpg",

        title : "A Netflix Original Series",

        sname : "Dark",

        link : "https://netflix.com/in/title/80990668?source=35",

    },

{

        imgsrc : "https://i.pinimg.com/474x/7b/19/58/7b19584ec5ffba063a121508e78fe7a4.jpg",

        title : "Netflix Original Series",

        sname : "My First Love",

        link : "https://netflix.com/in/title/80990668?source=35",

    },

];

export default Sdata;

Cards.jsx

import React from 'react';

function Card(props){

    return(

<>

<div className="cards">

<div className="card">

<img src={props.imgsrc} alt="mypic" className="card\_img"></img>

<div className="card\_info">

<span className="card\_catagory">{props.title}</span>

<h3 className="card\_title">{props.className}</h3>

<a href={props.link} target="\_blank">

    <button>Watch Now</button>

</a>

       </div>

      </div>

</div>

</>

)

}

export default Card;

Index.css

\*

{

    box-sizing : border-box;

    margin : 0;

    padding : 0%;

    background-color: #d2dbdd;

}

.heading\_style

{

padding: 30px 0;

text-align: center;

font-family: "Raleway", sans-serif;

text-transform: uppercase;

font-size: 13px;

letter-spacing: 2px;

font-weight: 500;

color: #868686;

background-color: #fff;

font-size: 1.5rem;

margin-bottom: 30px;

}

.cards

{

    width : 100%;

    height : auto;

}

.card

{

/\* margin : 25px; \*/

margin: 6%;

transition: all 0.4s cubic-bezier(0.175, 0.885, 0, 1);

background-color: #fff;

width: 21.25%;

border-radius: 12px;

box-shadow : 0px 13px 10px -7px rgba(0,0,0,1);

float: left;

}

button

{

padding: 5px 8px;

font-family: "Raleway", sans-serif;

text-transform: uppercase;

font-size: 13px;

letter-spacing: 2px;

font-weight:500;

color: #868686;

background-color:#fff;

outline:none;

border:1px solid black;

cursor:pointer;

}

.heading\_style{

    padding: 30px 0;

    text-align: center;

    font-family: 'Courier New', Courier, monospace;

    text-transform: capitalize;

    font-size: 13px;

    letter-spacing: 2px;

    font-weight: 500;

    color: cadetblue;

    background-color: cornsilk;

    font-size: 1.5rem;

    margin-bottom: 30px;

}

.card:hover{

    box-shadow: 0px 30px 18px -8px rgba(0, 0,0,0.1);

    transform: scale(1.05 , 1.05);

    cursor:pointer;

}

.card\_img{

    width: 100%;

    height: 200px;

}

.card\_info{

    padding : 20px 20px;

}

# React Developer Tools | Debugging & Error Handling in React JS

Index.js

import React from 'react';

import ReactDOM from 'react-dom';

import "./index.css";

import App from './App';

ReactDOM.render(

<App />,

    document.getElementById("root")

);

App.jsx

import React from 'react';

import Card from "./Cards";

import Sdata from "./Sdata";

const App = () => (

<>

<h1  className="heading\_style">List of 5 Netflix series in 2022</h1>

  {Sdata.map((val) => {

    return(

        <Card

        key = {val.id}

        imgsrc = {val.imgsrc}

        title = {val.title}

        sname = {val.sname}

        link = {val.link}

        />

    );

  })}

</>

);

export default App;

Sdata.jsx

const Sdata = [

    {

        id : 1,

        imgsrc : "https://wallpapercave.com/wp/wp4056410.jpg",

        title : "A Netflix Original Series",

        sname : "Dark",

        link : "https://netflix.com/in/title/80990668?source=35",

    },

    {

        id : 2,

        imgsrc : "https://i.pinimg.com/474x/7b/19/58/7b19584ec5ffba063a121508e78fe7a4.jpg",

        title : "Netflix Original Series",

        sname : "My First Love",

        link : "https://netflix.com/in/title/80990668?source=35",

    },

    {

        id : 3,

        imgsrc : "https://wallpapercave.com/wp/wp4056410.jpg",

        title : "A Netflix Original Series",

        sname : "Dark",

        link : "https://netflix.com/in/title/80990668?source=35",

    },

{

        id : 4,

        imgsrc : "https://i.pinimg.com/474x/7b/19/58/7b19584ec5ffba063a121508e78fe7a4.jpg",

        title : "Netflix Original Series",

        sname : "My First Love",

        link : "https://netflix.com/in/title/80990668?source=35",

    },

    {

        id : 5,

        imgsrc : "https://wallpapercave.com/wp/wp4056410.jpg",

        title : "A Netflix Original Series",

        sname : "Dark",

        link : "https://netflix.com/in/title/80990668?source=35",

    },

    {

        id : 6,

        imgsrc : "https://i.pinimg.com/474x/7b/19/58/7b19584ec5ffba063a121508e78fe7a4.jpg",

        title : "Netflix Original Series",

        sname : "My First Love",

        link : "https://netflix.com/in/title/80990668?source=35",

    },

];

export default Sdata;

Cards.jsx

import React from 'react';

import Images from "./Images";

import Heading from "./Heading";

function Card(props){

    return(

<>

<div className="cards">

<div className="card">

<Images imgsrc={props.imgsrc}/>

<div className="card\_info">

<span className="card\_catagory">{props.title}</span>

<Heading sname={props.sname}/>

<a href={props.link} target="\_blank">

    <button>Watch Now</button>

</a>

       </div>

      </div>

</div>

</>

)

}

export default Card;

Images.jsx

import React from 'react';

const Images = (props) => {

    return <img src={props.imgsrc} alt="mypic" className="card\_img"></img>;

}

export default Images;

Heading.jsx

import React from "react";

const Heading = (props) => {

    return <h3 className="card\_title">{props.sname}</h3>;

}

export default Heading;

Index.css

\*

{

    box-sizing : border-box;

    margin : 0;

    padding : 0%;

    background-color: #d2dbdd;

}

.heading\_style

{

padding: 30px 0;

text-align: center;

font-family: "Raleway", sans-serif;

text-transform: uppercase;

font-size: 13px;

letter-spacing: 2px;

font-weight: 500;

color: #868686;

background-color: #fff;

font-size: 1.5rem;

margin-bottom: 30px;

}

.cards

{

    width : 100%;

    height : auto;

}

.card

{

/\* margin : 25px; \*/

margin: 6%;

transition: all 0.4s cubic-bezier(0.175, 0.885, 0, 1);

background-color: #fff;

width: 21.25%;

border-radius: 12px;

box-shadow : 0px 13px 10px -7px rgba(0,0,0,1);

float: left;

}

button

{

padding: 5px 8px;

font-family: "Raleway", sans-serif;

text-transform: uppercase;

font-size: 13px;

letter-spacing: 2px;

font-weight:500;

color: #868686;

background-color:#fff;

outline:none;

border:1px solid black;

cursor:pointer;

}

.heading\_style{

    padding: 30px 0;

    text-align: center;

    font-family: 'Courier New', Courier, monospace;

    text-transform: capitalize;

    font-size: 13px;

    letter-spacing: 2px;

    font-weight: 500;

    color: cadetblue;

    background-color: cornsilk;

    font-size: 1.5rem;

    margin-bottom: 30px;

}

.card:hover{

    box-shadow: 0px 30px 18px -8px rgba(0, 0,0,0.1);

    transform: scale(1.05 , 1.05);

    cursor:pointer;

}

.card\_img{

    width: 100%;

    height: 200px;

}

.card\_info{

    padding : 20px 20px;

}

# If Else Statement in React JS | Conditional Rendering in React JS

Index.jsx

import React from 'react';

import ReactDOM from 'react-dom';

import "./index.css";

import App from './App';

ReactDOM.render(

<App />,

    document.getElementById("root")

);

App.jsx

import React from 'react';

import Netflix from "./Netflix";

import Amazon from "./Amazon";

const favSeries = 'amazon';

const FavS = () => {

  if(favSeries == 'amazon'){

  return <Netflix />;

  }

  else

  {

    return <Amazon />;

  }

};

const App = () => (

<>

<h4  className="heading\_style">List of 5 Netflix series in 2022</h4>

<FavS />

</>

);

export default App;

Netflix.jsx

import React from 'react';

import Sdata from "./Sdata";

import Card from "./Cards";

const Netflix = () => {

      return(

        <Card

        key = {Sdata[4].id}

        imgsrc = {Sdata[4].imgsrc}

        title = {Sdata[4].title}

        sname = {Sdata[4].sname}

        link = {Sdata[4].link}

        />

    );

    };

      export default Netflix;

Amazon.jsx

import React from 'react';

import Sdata from "./Sdata";

import Card from "./Cards";

const Amazon = () => {

      return(

        <Card

        key = {Sdata[5].id}

        imgsrc = {Sdata[5].imgsrc}

        title = {Sdata[5].title}

        sname = {Sdata[5].sname}

        link = {Sdata[5].link}

        />

    );

    };

      export default Amazon;

Sdata.jsx

const Sdata = [

    {

        id : 1,

        imgsrc : "https://wallpapercave.com/wp/wp4056410.jpg",

        title : "A Netflix Original Series",

        sname : "Dark",

        link : "https://netflix.com/in/title/80990668?source=35",

    },

    {

        id : 2,

        imgsrc : "https://i.pinimg.com/474x/7b/19/58/7b19584ec5ffba063a121508e78fe7a4.jpg",

        title : "Netflix Original Series",

        sname : "My First Love",

        link : "https://netflix.com/in/title/80990668?source=35",

    },

    {

        id : 3,

        imgsrc : "https://wallpapercave.com/wp/wp4056410.jpg",

        title : "A Netflix Original Series",

        sname : "Dark",

        link : "https://netflix.com/in/title/80990668?source=35",

    },

    {

        id : 4,

        imgsrc : "https://i.pinimg.com/474x/7b/19/58/7b19584ec5ffba063a121508e78fe7a4.jpg",

        title : "Netflix Original Series",

        sname : "My First Love",

        link : "https://netflix.com/in/title/80990668?source=35",

    },

    {

        id : 5,

        imgsrc : "https://wallpapercave.com/wp/wp4056410.jpg",

        title : "A Netflix Original Series",

        sname : "Dark",

        link : "https://netflix.com/in/title/80990668?source=35",

    },

    {

        id : 6,

        imgsrc : "https://i.pinimg.com/474x/7b/19/58/7b19584ec5ffba063a121508e78fe7a4.jpg",

        title : "Netflix Original Series",

        sname : "My First Love",

        link : "https://netflix.com/in/title/80990668?source=35",

    },

];

export default Sdata;

Cards.jsx

import React from 'react';

import Images from "./Images";

import Heading from "./Heading";

function Card(props){

    return(

<>

<div className="cards">

<div className="card">

<Images imgsrc={props.imgsrc}/>

<div className="card\_info">

<span className="card\_catagory">{props.title}</span>

<Heading sname={props.sname}/>

<a href={props.link} target="\_blank">

    <button>Watch Now</button>

</a>

       </div>

      </div>

</div>

</>

)

}

export default Card;

Heading.jsx

import React from "react";

const Heading = (props) => {

    return <h3 className="card\_title">{props.sname}</h3>;

}

export default Heading;

Images.jsx

import React from 'react';

const Images = (props) => {

    return <img src={props.imgsrc} alt="mypic" className="card\_img"></img>;

}

export default Images;

Index.css

\*

{

    box-sizing : border-box;

    margin : 0;

    padding : 0%;

    background-color: #d2dbdd;

}

.heading\_style

{

padding: 30px 0;

text-align: center;

font-family: "Raleway", sans-serif;

text-transform: uppercase;

font-size: 13px;

letter-spacing: 2px;

font-weight: 500;

color: #868686;

background-color: #fff;

font-size: 1.5rem;

margin-bottom: 30px;

}

.cards

{

    width : 100%;

    height : auto;

}

.card

{

/\* margin : 25px; \*/

margin: 6%;

transition: all 0.4s cubic-bezier(0.175, 0.885, 0, 1);

background-color: #fff;

width: 21.25%;

border-radius: 12px;

box-shadow : 0px 13px 10px -7px rgba(0,0,0,1);

float: left;

}

button

{

padding: 5px 8px;

font-family: "Raleway", sans-serif;

text-transform: uppercase;

font-size: 13px;

letter-spacing: 2px;

font-weight:500;

color: #868686;

background-color:#fff;

outline:none;

border:1px solid black;

cursor:pointer;

}

.heading\_style{

    padding: 30px 0;

    text-align: center;

    font-family: 'Courier New', Courier, monospace;

    text-transform: capitalize;

    font-size: 13px;

    letter-spacing: 2px;

    font-weight: 500;

    color: cadetblue;

    background-color: cornsilk;

    font-size: 1.5rem;

    margin-bottom: 30px;

}

.card:hover{

    box-shadow: 0px 30px 18px -8px rgba(0, 0,0,0.1);

    transform: scale(1.05 , 1.05);

    cursor:pointer;

}

.card\_img{

    width: 100%;

    height: 200px;

}

.card\_info{

    padding : 20px 20px;

}

# React Conditional Rendering | Ternary Operator in React JS

App.jsx

import React from 'react';

import Netflix from "./Netflix";

import Amazon from "./Amazon";

const favSeries = 'amazon';

const App = () => (

<>

<h4  className="heading\_style">List of 5 Netflix series in 2022</h4>

{favSeries === 'netflix' ? <Netflix /> : <Amazon />}

</>

);

export default App;

Sdata.jsx

const Sdata = [

    {

        id : 1,

        imgsrc : "https://wallpapercave.com/wp/wp4056410.jpg",

        title : "A Netflix Original Series",

        sname : "Dark",

        link : "https://netflix.com/in/title/80990668?source=35",

    },

    {

        id : 2,

        imgsrc : "https://i.pinimg.com/474x/7b/19/58/7b19584ec5ffba063a121508e78fe7a4.jpg",

        title : "Netflix Original Series",

        sname : "My First Love",

        link : "https://netflix.com/in/title/80990668?source=35",

    },

    {

        id : 3,

        imgsrc : "https://wallpapercave.com/wp/wp4056410.jpg",

        title : "A Netflix Original Series",

        sname : "Dark",

        link : "https://netflix.com/in/title/80990668?source=35",

    },

    {

        id : 4,

        imgsrc : "https://i.pinimg.com/474x/7b/19/58/7b19584ec5ffba063a121508e78fe7a4.jpg",

        title : "Netflix Original Series",

        sname : "My First Love",

        link : "https://netflix.com/in/title/80990668?source=35",

    },

    {

        id : 5,

        imgsrc : "https://wallpapercave.com/wp/wp4056410.jpg",

        title : "A Netflix Original Series",

        sname : "Dark",

        link : "https://netflix.com/in/title/80990668?source=35",

    },

    {

        id : 6,

        imgsrc : "https://i.pinimg.com/474x/7b/19/58/7b19584ec5ffba063a121508e78fe7a4.jpg",

        title : "Netflix Original Series",

        sname : "My First Love",

        link : "https://netflix.com/in/title/80990668?source=35",

    },

];

export default Sdata;

Cards.jsx

import React from 'react';

import Images from "./Images";

import Heading from "./Heading";

function Card(props){

    return(

<>

<div className="cards">

<div className="card">

<Images imgsrc={props.imgsrc}/>

<div className="card\_info">

<span className="card\_catagory">{props.title}</span>

<Heading sname={props.sname}/>

<a href={props.link} target="\_blank">

    <button>Watch Now</button>

</a>

       </div>

      </div>

</div>

</>

)

}

export default Card;

Netflix.jsx

import React from 'react';

import Sdata from "./Sdata";

import Card from "./Cards";

const Netflix = () => {

      return(

        <Card

        key = {Sdata[4].id}

        imgsrc = {Sdata[4].imgsrc}

        title = {Sdata[4].title}

        sname = {Sdata[4].sname}

        link = {Sdata[4].link}

        />

    );

    };

      export default Netflix;

Amazon.jsx

import React from 'react';

import Sdata from "./Sdata";

import Card from "./Cards";

const Amazon = () => {

      return(

        <Card

        key = {Sdata[5].id}

        imgsrc = {Sdata[5].imgsrc}

        title = {Sdata[5].title}

        sname = {Sdata[5].sname}

        link = {Sdata[5].link}

        />

    );

    };

      export default Amazon;

Heading.jsx

import React from "react";

const Heading = (props) => {

    return <h3 className="card\_title">{props.sname}</h3>;

}

export default Heading;

Images.jsx

import React from 'react';

const Images = (props) => {

    return <img src={props.imgsrc} alt="mypic" className="card\_img"></img>;

}

export default Images;

Index.css

\*

{

    box-sizing : border-box;

    margin : 0;

    padding : 0%;

    background-color: #d2dbdd;

}

.heading\_style

{

padding: 30px 0;

text-align: center;

font-family: "Raleway", sans-serif;

text-transform: uppercase;

font-size: 13px;

letter-spacing: 2px;

font-weight: 500;

color: #868686;

background-color: #fff;

font-size: 1.5rem;

margin-bottom: 30px;

}

.cards

{

    width : 100%;

    height : auto;

}

.card

{

/\* margin : 25px; \*/

margin: 6%;

transition: all 0.4s cubic-bezier(0.175, 0.885, 0, 1);

background-color: #fff;

width: 21.25%;

border-radius: 12px;

box-shadow : 0px 13px 10px -7px rgba(0,0,0,1);

float: left;

}

button

{

padding: 5px 8px;

font-family: "Raleway", sans-serif;

text-transform: uppercase;

font-size: 13px;

letter-spacing: 2px;

font-weight:500;

color: #868686;

background-color:#fff;

outline:none;

border:1px solid black;

cursor:pointer;

}

.heading\_style{

    padding: 30px 0;

    text-align: center;

    font-family: 'Courier New', Courier, monospace;

    text-transform: capitalize;

    font-size: 13px;

    letter-spacing: 2px;

    font-weight: 500;

    color: cadetblue;

    background-color: cornsilk;

    font-size: 1.5rem;

    margin-bottom: 30px;

}

.card:hover{

    box-shadow: 0px 30px 18px -8px rgba(0, 0,0,0.1);

    transform: scale(1.05 , 1.05);

    cursor:pointer;

}

.card\_img{

    width: 100%;

    height: 200px;

}

.card\_info{

    padding : 20px 20px;

}

# Slot Machine Game in React JS

Index.js

import React from 'react';

import ReactDOM from 'react-dom';

import "./index.css";

import App from './App';

ReactDOM.render(

<App />,

    document.getElementById("root")

);

App.jsx

import React from 'react';

import SlotM from "./SlotMatch";

const App = () => {

  return <>

    <h1 className="heading\_style">

      🎰Welcome to {" "}

      <span style={{ fontWeight: 'bold' }}> Slot Machine Game </span>🎰

    </h1>{" "}

    <div className="slotmachine">

<SlotM x="😄" y="😄" z="😄" />

      <hr />

      <SlotM x="😄" y="😅" z="😄" />

      <hr />

      <SlotM x="🍎" y="🍌" z="🍎" />

      <hr />

      <SlotM x="💑" y="💑" z="💑" />

    </div>

  </>;

}

export default App;

SlotMatch.jsx

import React from 'react';

const SlotM = (props) => {

    //let x = '😄';

    //let y = '😄';

    //let z = '🎅';

    let x = props.x;

    let y = props.y;

    let z = props.z;

    if (x === y && y === z) {

        return (

            <>

                <div className="slot\_inner">

                    <h1>

                        {" "}

                        {x} {y} {z}{" "}

                    </h1>

                    <h1>This Is Matching.</h1>

                    <hr />

                </div>

            </>

        );

    }

    else {

        return (

            <>

                <div className="slot\_inner">

                    <h1>

                        {" "}

                        {x} {y} {z}{" "}

                    </h1>

                    <h1>This Is Not Matching.</h1>

                    <hr />

                </div>

            </>

        );

    }

};

export default SlotM;

Index.css

\*

{

    box-sizing : border-box;

    margin : 0;

    padding : 0%;

    background-color: #d2dbdd;

}

.heading\_style

{

padding: 30px 0;

text-align: center;

font-family: "Raleway", sans-serif;

text-transform: uppercase;

font-size: 13px;

letter-spacing: 2px;

font-weight: 500;

color: #868686;

background-color: #fff;

font-size: 1.5rem;

margin-bottom: 30px;

}

button

{

padding: 5px 8px;

font-family: "Raleway", sans-serif;

text-transform: uppercase;

font-size: 13px;

letter-spacing: 2px;

font-weight:500;

color: #868686;

background-color:#fff;

outline:none;

border:1px solid black;

cursor:pointer;

}

.heading\_style{

    padding: 30px 0;

    text-align: center;

    font-family: 'Courier New', Courier, monospace;

    text-transform: capitalize;

    font-size: 13px;

    letter-spacing: 2px;

    font-weight: 500;

    color: cadetblue;

    background-color: cornsilk;

    font-size: 1.5rem;

    margin-bottom: 30px;

}

.slot\_inner{

    text-align: center;

    padding-top: 20px;

}

.slot\_inner hr{

    margin-top: 20px;

}

# Hooks in React JS in Hindi | useState in Hook in React JS

Index.js

import React from 'react';

import ReactDOM from 'react-dom';

import "./index.css";

import App from './App';

ReactDOM.render(

    <App />,

    document.getElementById("root")

);

App.jsx

import React, { useState } from "react";

//console.log("Clicked " + count);

const App = () => {

  const state = useState();

  const [count, setCount] = useState(0);

  const IncNum = () => {

    setCount(count + 1);

  };

return (

    <div className="menu">

      <>

        <h1>{count}</h1>

        <button onClick={IncNum}> Click Me</button>

      </>

    </div>

  );

}

export default App;

Index.css

\*

{

    box-sizing : border-box;

    margin : 0;

    padding : 0%;

    background-color: #d2dbdd;

}

button

{

padding: 15px 20px;

font-family: "Raleway", sans-serif;

text-transform: uppercase;

color: white;

background:#9b59b6;

border-radius: 5px;

outline:none;

border:2px solid #ecf0f1;

cursor:pointer;

}

.menu

{

    width: 100%;

    height: 100vh;

    display: flex;

    flex-direction: column;

    justify-content: center;

    align-items: center;

}

# Get Time on Refreshing and Clicking Button using useState Hook

Index.js

import React from 'react';

import ReactDOM from 'react-dom';

import "./index.css";

import App from './App';

ReactDOM.render(

    <App />,

    document.getElementById("root")

);

App.jsx

import React, { useState } from "react";

const App = () => {

  let newTime = new Date().toLocaleTimeString();

  const [ctime, setCtime] = useState(newTime);

  const UpdateTime = () => {

    let newCTime = new Date().toLocaleTimeString();

setCtime(newCTime);

  };

  return (

    <div>

      <>

        <h1>{ctime}</h1>

        <button onClick={UpdateTime}> Get Time</button>

      </>

    </div>

  );

}

export default App;

index.css

\*

{

    box-sizing : border-box;

    margin : 0;

    padding : 0%;

    background-color: #d2dbdd;

}

button

{

padding: 15px 20px;

font-family: "Raleway", sans-serif;

text-transform: uppercase;

font-size: 13px;

letter-spacing: 2px;

font-weight:500;

color: white;

background:#9b59b6;

border-radius: 5px;

outline:none;

border:2px solid #ecf0f1;

cursor:pointer;

}

div

{

    width: 100%;

    height: 100vh;

    display: flex;

    flex-direction: column;

    justify-content: center;

    align-items: center;

}

# Create a Digital Clock using React JS

Index.jsx

import React from 'react';

import ReactDOM from 'react-dom';

import "./index.css";

import App from './App';

ReactDOM.render(

    <App />,

    document.getElementById("root")

);

App.jsx

import React, { useState } from "react";

//console.log("Clicked " + count);

const App = () => {

  let time = new Date().toLocaleTimeString();

  const [ctime, setCtime] = useState(time);

  const UpdateTime = () => {

    time = new Date().toLocaleTimeString();

    setCtime(time);

  };

  setInterval(UpdateTime);

  return (

    <div>

      <>

        <h1>{ctime}</h1>

      </>

    </div>

  );

}

export default App;

AppPractise.jsx

import React, { useState } from "react";

//console.log("Clicked " + count);

const App = () => {

  let time = new Date().toLocaleTimeString();

  const [name, setName] = useState("Click Me");

  const [ctime, setCtime] = useState(time);

  const UpdateTime = () => {

    time = new Date().toLocaleTimeString();

    setCtime(time);

  };

  const UpdateName = () => {

    setName("Sagor Raihan");

  };

  return (

    <div>

      <>

        <h1>{ctime}</h1>

        <button onClick={UpdateTime} onDoubleClick={UpdateName}>{name}</button>

      </>

    </div>

  );

}

export default App;

index.css

\*

{

    box-sizing : border-box;

    margin : 0;

    padding : 0%;

    background-color: #d2dbdd;

}

button

{

padding: 15px 20px;

font-family: "Raleway", sans-serif;

text-transform: uppercase;

font-size: 13px;

letter-spacing: 2px;

font-weight:500;

color: white;

background:#9b59b6;

border-radius: 5px;

outline:none;

border:2px solid #ecf0f1;

cursor:pointer;

}

div

{

    width: 100%;

    height: 100vh;

    display: flex;

    flex-direction: column;

    justify-content: center;

    align-items: center;

}

# Handling Events in ReactJS

Index.js

import React from 'react';

import ReactDOM from 'react-dom';

import "./index.css";

import App from './App';

ReactDOM.render(

    <App />,

    document.getElementById("root")

);

App.jsx

import React, { useState } from "react";

const App = () => {

  const purple = "#8e44ad";

  const [bg, setBg] = useState(purple); //Hook

  const [name, setName] = useState("Click Me"); //Hook

  const bgChange = () => {

    let newBg = "#34495e";

    setBg(newBg);

    setName("Ouch!!! : 🐺🐍 🦊");

  }

  const bgBack = () => {

    setBg(purple);

    setName("Ayoo!!! 💌");

  }

  return (

    <>

      <div style={{ background: bg }}>

        <button onMouseEnter={bgChange} onMouseLeave={bgBack}>{name}</button>

      </div>

    </>

  );

}

export default App;

index.css

\*

{

    box-sizing : border-box;

    margin : 0;

    padding : 0%;

    background-color: #d2dbdd;

}

button

{

padding: 15px 20px;

font-family: "Raleway", sans-serif;

text-transform: uppercase;

font-size: 13px;

letter-spacing: 2px;

font-weight:500;

color: white;

background:#9b59b6;

border-radius: 5px;

outline:none;

border:2px solid #ecf0f1;

cursor:pointer;

}

div

{

    width: 100%;

    height: 100vh;

    display: flex;

    flex-direction: column;

    justify-content: center;

    align-items: center;

}

# Forms in React JS in Hindi | React Controlled Vs Uncontrolled Component

Index.jsx

import React from 'react';

import ReactDOM from 'react-dom';

import "./index.css";

import App from './App';

ReactDOM.render(

    <App />,

    document.getElementById("root")

);

App.jsx

import React, { useState } from "react";

//console.log("Clicked " + count);

const App = () => {

  const [name, setName] = useState(); //Hook

  const [fulName, setFulName] = useState(); //Hook

  const inputEvent = (event) => {

    setName(event.target.value);

  }

  const onSubmit = () => {

    setFulName(name);

  }

  return (

    <div>

      <>

        <h1>Hello {fulName}</h1>

        <input type="text" placeholder="Enter Your Name" onChange={inputEvent} value={name} />  {/\* Control Component \*/}

        <button onClick={onSubmit}>Click Me 👍</button>

      </>

    </div>

  );

}

export default App;

index.css

\*

{

    box-sizing : border-box;

    margin : 0;

    padding : 0%;

    background-color: #d2dbdd;

}

button

{

padding: 15px 20px;

font-family: "Cooper Black";

text-transform: uppercase;

font-size: 13px;

letter-spacing: 2px;

line-height: 24px;

font-weight:bold;

color: white;

background:#9b59b6;

border-radius: 5px;

outline:none;

border:2px solid #ecf0f1;

cursor:pointer;

}

div

{

    width: 100%;

    height: 100vh;

    display: flex;

    flex-direction: column;

    justify-content: center;

    align-items: center;

    background:#8e44ad;

}

 h1

 {

     color: white;

     background: transparent;

     text-shadow: 0 2px 2px black;

     font-family: "Cooper Black";

 }

 input

 {

     width: 50%;

     padding: 10px 10px;

     border: none;

     outline: none;

     margin: 20px 0;

     text-align: center;

     font-family: "Cooper Black";

     border-radius: 5px;

 }

# Login Form Submit in React Js

Index.js

import React from 'react';

import ReactDOM from 'react-dom';

import "./index.css";

import App from './App';

ReactDOM.render(

    <App />,

    document.getElementById("root")

);

App.jsx

import React, { useState } from "react";

const App = () => {

  const [fName, setFName] = useState();

  const [lName, setLName] = useState();

  const [FName, setF\_Name] = useState();

  const [LName, setL\_Name] = useState();

  const inputEvent = (event) => {

    setFName(event.target.value);

  }

  const inputEventTwo = (event) => {

    setLName(event.target.value);

  }

  const onSubmit = (event) => {

    event.preventDefault()

    setF\_Name(fName);

    setL\_Name(lName);

  }

  return (

    <div calssName="main\_menu">

      <form onSubmit={onSubmit}>

        <div>

          <h1> Hello {FName} {LName}</h1>

          <input type="text" placeholder="Enter Your First Name" onChange={inputEvent} value={fName} />

          <input type="text" placeholder="Enter Your Last Name" onChange={inputEventTwo} value={lName} />

          <button type="submit"> Submit 👍</button>

        </div>

      </form>

    </div>

  )

}

export default App;

index.css

\*

{

    box-sizing : border-box;

    margin : 0;

    padding : 0%;

    background-color: #d2dbdd;

}

button

{

padding: 15px 20px;

font-family: "Cooper Black";

text-transform: uppercase;

font-size: 13px;

letter-spacing: 2px;

line-height: 24px;

font-weight:bold;

color: white;

background:#9b59b6;

border-radius: 5px;

outline:none;

border:2px solid #ecf0f1;

cursor:pointer;

}

div

{

    width: 100%;

    height: 100vh;

    display: flex;

    flex-direction: column;

    justify-content: center;

    align-items: center;

    background:#8e44ad;

}

 h1

 {

     color: white;

     background: transparent;

     text-shadow: 0 2px 2px black;

     font-family: "Cooper Black";

 }

 input

 {

     width: 250%;

     padding: 10px 10px;

     border: none;

     outline: none;

     margin: 20px 0;

     text-align: center;

     font-family: "Cooper Black";

     border-radius: 5px;

 }

# Handling Complex Multiple Input Form States

Index.js

import React from 'react';

import ReactDOM from 'react-dom';

import "./index.css";

import App from './App';

ReactDOM.render(

    <App />,

    document.getElementById("root")

);

App.jsx

import React, { useState } from "react";

const App = () => {

  const [fullName, setFullName] = useState({

    fname: " ",

    lname: " ",

  });

const inputEvent = (event) => {

    const value = event.target.value;

    const name = event.target.name;

    setFullName((preValue) => {

if (name === 'fName') {

        return {

          fname: value,

          lname: preValue.lname,

        }

    }

      else if (name === 'lName') {

        return {

          lname: value,

          fname: preValue.fname,

        }

      }

    })

  }

  const onSubmit = (event) => {

    event.preventDefault()

    alert("Form Submitted");

  }

  return (

    <div calssName="main\_menu">

      <form onSubmit={onSubmit}>

        <div>

          <h1> Hello {fullName.fname} {fullName.lname}</h1>

          <input type="text" placeholder="Enter Your First Name" onChange={inputEvent} name='fName' value={fullName.fname} />

          <input type="text" placeholder="Enter Your Last Name" onChange={inputEvent} name='lName' value={fullName.lname} />

          <button type="submit"> Submit 👍</button>

        </div>

      </form>

    </div>

  )

}

export default App;

index.css

\*

{

    box-sizing : border-box;

    margin : 0;

    padding : 0%;

    background-color: #d2dbdd;

}

button

{

padding: 15px 20px;

font-family: "Cooper Black";

text-transform: uppercase;

font-size: 13px;

letter-spacing: 2px;

line-height: 24px;

font-weight:bold;

color: white;

background:#9b59b6;

border-radius: 5px;

outline:none;

border:2px solid #ecf0f1;

cursor:pointer;

}

div

{

    width: 100%;

    height: 100vh;

    display: flex;

    flex-direction: column;

    justify-content: center;

    align-items: center;

    background:#8e44ad;

}

 h1

 {

     color: white;

     background: transparent;

     text-shadow: 0 2px 2px black;

     font-family: "Cooper Black";

 }

 input

 {

     width: 250%;

     padding: 10px 10px;

     border: none;

     outline: none;

     margin: 20px 0;

     text-align: center;

     font-family: "Cooper Black";

     border-radius: 5px;

 }

# React Login Form Challenge in React

Index.js

import React from 'react';

import ReactDOM from 'react-dom';

import "./index.css";

import App from './App';

ReactDOM.render(

    <App />,

    document.getElementById("root")

);

App.jsx

import React, { useState } from "react";

const App = () => {

  const [fullName, setFullName] = useState({

    fname: " ",

    lname: " ",

    email: " ",

    phone: " ",

  });

  const inputEvent = (event) => {

    //const value = event.target.value;

    //const name = event.target.name;

    const { value, name } = event.target;

    setFullName((preValue) => {

      if (name === 'fName') {

        return {

          fname: value,

          lname: preValue.lname,

          email: preValue.lname,

          phone: preValue.lname,

        }

      }

      else if (name === 'lName') {

        return {

          fname: preValue.fname,

          lname: value,

          email: preValue.email,

          phone: preValue.phone,

        }

      }

      else if (name === 'email') {

        return {

          fname: preValue.fname,

          lname: preValue.lname,

          email: value,

          phone: preValue.phone,

        }

      }

      else if (name === 'phone') {

        return {

          fname: preValue.fname,

          lname: preValue.lname,

          email: preValue.email,

          phone: value,

        }

      }

    })

  }

  const onSubmit = (event) => {

    event.preventDefault()

    alert("Form Submitted");

  }

  return (

    <div calssName="main\_menu">

      <form onSubmit={onSubmit}>

        <div>

          <h1> Hello {fullName.fname} {fullName.lname}</h1>

          <p>{fullName.email}</p><br />

          <p>{fullName.phone}</p>

          <input type="text" placeholder="Enter Your First Name" onChange={inputEvent} name='fName' value={fullName.fname} />

          <input type="text" placeholder="Enter Your Last Name" onChange={inputEvent} name='lName' value={fullName.lname} />

          <input type="text" placeholder="Enter Your Email" onChange={inputEvent} name='email' value={fullName.email} autoComplete="off" />

          <input type="number" placeholder="Enter Your Mobile No" onChange={inputEvent} name='phone' value={fullName.phone} />

          <button type="submit"> Submit 👍</button>

        </div>

      </form>

    </div>

  )

}

export default App;

index.css

\*

{

    box-sizing : border-box;

    margin : 0;

    padding : 0%;

    background-color: #d2dbdd;

}

button

{

padding: 15px 20px;

font-family: "Cooper Black";

text-transform: uppercase;

font-size: 13px;

letter-spacing: 2px;

line-height: 24px;

font-weight:bold;

color: white;

background:#9b59b6;

border-radius: 5px;

outline:none;

border:2px solid #ecf0f1;

cursor:pointer;

}

div

{

    width: 100%;

    height: 100vh;

    display: flex;

    flex-direction: column;

    justify-content: center;

    align-items: center;

    background:#8e44ad;

}

 h1

 {

     color: white;

     background: transparent;

     text-shadow: 0 2px 2px black;

     font-family: "Cooper Black";

 }

 input

 {

     width: 250%;

     padding: 10px 10px;

     border: none;

     outline: none;

     margin: 20px 0;

     text-align: center;

     font-family: "Cooper Black";

     border-radius: 5px;

 }

# How I turn 100 lines of code in just 2 lines to Complete Our Login Form in React

Index.js

import React from 'react';

import ReactDOM from 'react-dom';

import "./index.css";

import App from './App';

ReactDOM.render(

    <App />,

    document.getElementById("root")

);

App.jsx

import React, { useState } from "react";

const App = () => {

  const [fullName, setFullName] = useState({

    fname: " ",

    lname: " ",

    email: " ",

    phone: " ",

  });

  const inputEvent = (event) => {

    //const value = event.target.value;

    //const name = event.target.name;

    const { value, name } = event.target;

    setFullName((preValue) => {

      return {

        ...preValue,

        [name]: value,

      }

    })

  }

  const onSubmit = (event) => {

    event.preventDefault()

    alert("Form Submitted");

  }

  return (

    <div calssName="main\_menu">

      <form onSubmit={onSubmit}>

        <div>

          <h1> Hello {fullName.fname} {fullName.lname}</h1>

          <p>{fullName.email}</p><br />

          <p>{fullName.phone}</p>

          <input type="text" placeholder="Enter Your First Name" onChange={inputEvent} name='fname' value={fullName.fname} />

          <input type="text" placeholder="Enter Your Last Name" onChange={inputEvent} name='lname' value={fullName.lname} />

          <input type="text" placeholder="Enter Your Email" onChange={inputEvent} name='email' value={fullName.email} autoComplete="off" />

          <input type="number" placeholder="Enter Your Mobile No" onChange={inputEvent} name='phone' value={fullName.phone} />

          <button type="submit"> Submit 👍</button>

        </div>

      </form>

    </div>

  )

}

export default App;

index.css

\*

{

    box-sizing : border-box;

    margin : 0;

    padding : 0%;

    background-color: #d2dbdd;

}

button

{

padding: 15px 20px;

font-family: "Cooper Black";

text-transform: uppercase;

font-size: 13px;

letter-spacing: 2px;

line-height: 24px;

font-weight:bold;

color: white;

background:#9b59b6;

border-radius: 5px;

outline:none;

border:2px solid #ecf0f1;

cursor:pointer;

}

div

{

    width: 100%;

    height: 100vh;

    display: flex;

    flex-direction: column;

    justify-content: center;

    align-items: center;

    background:#8e44ad;

}

 h1

 {

     color: white;

     background: transparent;

     text-shadow: 0 2px 2px black;

     font-family: "Cooper Black";

 }

 input

 {

     width: 250%;

     padding: 10px 10px;

     border: none;

     outline: none;

     margin: 20px 0;

     text-align: center;

     font-family: "Cooper Black";

     border-radius: 5px;

 }

# Building a Todo List App Project in ReactJS

Index.js

import React from 'react';

import ReactDOM from 'react-dom';

import "./index.css";

import App from './App';

ReactDOM.render(

    <App />,

    document.getElementById("root")

);

App.jsx

import React, { useState } from "react";

import ToDoLists from "./ToDoLists";

const App = () => {

  const [inputList, setInputList] = useState(" ");

  const [Items, setItems] = useState([]);

  const itemEvent = (event) => {

    setInputList(event.target.value);

  }

  const listOfItems = () => {

    setItems((oldItems) => {

      return [...oldItems, inputList];

    })

    setInputList(" ");

  }

  const deleteItems = (id) => {

    setItems((oldItems) => {

      return oldItems.filter((arrElem, index) => {

        return index !== id;

      })

    })

    setInputList(" ");

  }

  return (

    <>

      <div className="main\_div">

        <div className="center\_div">

          <br />

          <h1>ToDo List</h1>

          <br />

          <input type="text" placeholder="Add a items" onChange={itemEvent} value={inputList} />

          <button onClick={listOfItems}> + </button>

          <ol>

            {/\*<li>{inputList}</li>\*/}

            {

              Items.map((itemval, index) => {

                return <ToDoLists

                  key={index}

                  id={index}

                  text={itemval}

                  onSelect={deleteItems}

                />

              }

              )

            }

          </ol>

        </div>

      </div>

    </>

  )

};

export default App;

ToDoLists.jsx

import React from "react";

import DeleteIcon from '@mui/icons-material/Delete';

const ToDoLists = (props) => {

    return (

        <>

            <div className="todo\_style">

                {/\* <i className="fa fa-times" aria-hidden="true" onClick={() => {

                    props.onSelect(props.id)

                }} /> \*/}

                <DeleteIcon className="fa-times" aria-hidden="true" onClick={() => {

                    props.onSelect(props.id)

                }} />

                <li>{props.text}</li>

            </div>

        </>

    )

}

export default ToDoLists;

index.css

\*

{

    box-sizing : border-box;

    margin : 0;

    padding : 0%;

}

.main\_div

{

width: 100%;

height: 100vh;

background: #6983aa;

display: flex;

flex-direction: row;

justify-content: center;

align-items: center;

text-align: center;

}

.center\_div

{

width: 25%;

height: 80vh;

background-color: #f4f4f4;

box-shadow: 5px 5px 25px -5x rgba(0,0,0,0.5);

border-radius: 15px;

}

h1

{

color: white;

background: transparent;

background-color: #8566aa;

padding: 6px 0 2px 0;

margin-bottom: 10px;

box-shadow: 5px 5px 15px -5x rgba(0,0,0,0.3);

}

input

{

    text-align: center;

    height: 30px;

    top: 10px;

    width: 60%;

    border: none;

    background: transparent;

    font-size: 20px;

    font-weight: 500;

    width: 60%;

    font-family: "Bodoni MT Black";

    border-bottom: 2px solid #8566aa;

    outline: none;

}

button

{

    min-height: 40px;

    width: 40px;

    border-radius: 50%;

    border-color: transparent;

    background-color:#8586aa;

    color: #fff;

    font-size: 40px;

    border: none;

    outline:none;

    margin-left: 10px;

    box-shadow: 5px 5px 15px -5px rgba(0,0,0,0.3);

    cursor:pointer;

}

button:hover

{

background-color: green;

}

ol

{

margin-top: 30px;

}

ol

{

margin-top: 30px;

}

ol li

{

    padding: 0px;

    text-align: left;

    font-size: 20px;

    font-weight: 500;

    min-height: 40px;

    display: flex;

    align-items: center;

    color: #8586aa;

    text-transform: capitalize;

}

.todo\_style

{

    display: flex;

    flex-direction: row;

    justify-content: left;

    align-items: center;

}

.todo\_style .fa-times

{

    width: 30px;

    height: 30px;

    display: flex;

    justify-content: center;

    align-items: center;

    background-color: #8586aa;

    border-radius: 50%;

    margin:0 15px 0 35px;

    color: aliceblue;

    box-shadow: 5px 5px 15px -5px rgba(0,0,0,0.3);

    cursor:pointer;

}

.todo\_style .fa-times:hover

{

    background-color: crimson;

}

.todo\_style .fa-times:hover .list\_style

{

    background-color: crimson;

}

/\*@media (max-width: 768px){

    .center\_div{

        width: 55%;

    }

    .todo\_style .button{

        margin: 0 15px 0 15px;

        display: flex;

        justify-content: center;

        align-items: center;

    }

    .button{

        margin-left: 5px;

        min-height: 40px;

        width: 40px;

        color: #fff;

        font-size: 30px;

    }

}

\*/

# Incrementing and Decrementing the State Variable on Button clicked in React JS

Index.js

import React from 'react';

import ReactDOM from 'react-dom';

import "./index.css";

import ToDoLists from './ToDoLists';

ReactDOM.render(

    <ToDoLists />,

    document.getElementById("root")

);

ToDoLists.jsx(Using Font Awesome Icons)

import React, { useState } from "react";

const ToDoLists = () => {

    const [num, setNum] = useState(0);

    const incNum = () => {

        setNum(num + 1);

    }

    const decNum = () => {

        if (num > 0) {

            setNum(num - 1);

        }

        else {

            setNum(0);

            alert(" Sorry You cant Decrement less than 0");

        }

    }

    return (

        <>

            <div className="main\_div">

                <div className="center\_div">

                    <h1>{num}</h1>

                    <div className="btn\_div">

                        <button onClick={incNum}><i class="fas fa-plus"></i></button>

                        <button onClick={decNum}><i class="fas fa-minus"></i></button>

                    </div>

                </div>

            </div>

        </>

    )

}

export default ToDoLists;

ToDoLists.jsx (Using Materia Icons)

import React, { useState } from "react";

import AddIcon from '@mui/icons-material/Add';

import RefreshIcon from '@mui/icons-material/Refresh';

import DeleteIcon from '@mui/icons-material/Delete';

const ToDoLists = () => {

    const [num, setNum] = useState(0);

    const incNum = () => {

        setNum(num + 1);

    }

    const refreshNum = () => {

        setNum(0);

    }

    const decNum = () => {

        if (num > 0) {

            setNum(num - 1);

        }

        else {

            setNum(0);

            alert(" Sorry You cant Decrement less than 0");

        }

    }

    return (

        <>

            <div className="main\_div">

                <div className="center\_div">

                    <h1>{num}</h1>

                    <div className="btn\_div">

                        <button onClick={incNum}><AddIcon /></button>

                        <button onClick={refreshNum}><RefreshIcon className="fa-refresh" /></button>

                        <button onClick={decNum}><DeleteIcon className="fa-minus" /></button>

                    </div>

                </div>

            </div>

        </>

    )

}

export default ToDoLists;

index.css

\*

{

    box-sizing : border-box;

    margin : 0;

    padding : 0%;

}

.main\_div

{

width: 100%;

height: 100vh;

background: #badc58;

display: flex;

flex-direction: row;

justify-content: center;

align-items: center;

text-align: center;

}

.center\_div

{

width: 25%;

height: 60vh;

background-color: #f4f4f4;

box-shadow: 5px 5px 25px -5x rgba(0,0,0,0.5);

border-radius: 15px;

display: flex;

flex-direction: column;

justify-content: center;

align-items: center;

}

h1

{

color: white;

background: transparent;

font-size: 50px;

background-color: #30336b;

padding: 6px 0 2px 0;

margin-bottom: 50px;

width: 100%;

box-shadow: 5px 5px 25px -5x rgba(0,0,0,0.5);

}

button

{

min-height: 40px;

border-radius: 5%;

border-color: transparent;

background-color:#30336b;

color: #fff;

font-size: 20px;

border: none;

outline:none;

padding: 0 15px;

margin-top: 30px;

box-shadow: 5px 5px 15px -5px rgba(0,0,0,0.3);

cursor:pointer;

}

button:hover

{

background-color: #22a6b3;

}

.btn\_div

{

    width: 100%;

    display: flex;

    justify-content: space-around;

    align-items: center;

}

.btn\_div .fa-minus

{

    height: 38px;

    text-align: center;

    padding-top:7px;

}

# The Best UI Framework for ReactJS - Getting Started with Material UI

Index.js

import React from 'react';

import ReactDOM from 'react-dom';

import "./index.css";

import ToDoLists from './ToDoLists';

ReactDOM.render(

    <ToDoLists />,

    document.getElementById("root")

);

ToDoLists.jsx

import React, { useState } from "react";

import AddIcon from '@mui/icons-material/Add';

import RefreshIcon from '@mui/icons-material/Refresh';

import DeleteIcon from '@mui/icons-material/Delete';

import Button from '@material-ui/core/Button';

import Tooltip from '@material-ui/core/Tooltip';

const ToDoLists = () => {

    const [num, setNum] = useState(0);

    const incNum = () => {

        setNum(num + 1);

    }

    const refreshNum = () => {

        setNum(0);

    }

    const decNum = () => {

        if (num > 0) {

            setNum(num - 1);

        }

        else {

            setNum(0);

            alert(" Sorry You cant Decrement less than 0");

        }

    }

    return (

        <>

            <div className="main\_div">

                <div className="center\_div">

                    <h1>{num}</h1>

                    <div className="btn\_div">

                        <Tooltip title="Add" aria-label="add">

                            <Button onClick={incNum} className="btn\_green"><AddIcon /> </Button>

                        </Tooltip>

                        <Tooltip title="Refresh" aria-label="refresh">

                            <Button onClick={refreshNum} className="btn\_yellow"><RefreshIcon /></Button>

                        </Tooltip>

                        <Tooltip title="Delete">

                            <Button onClick={decNum} className="btn\_red"><DeleteIcon /></Button>

                        </Tooltip>

                    </div>

                </div>

            </div>

        </>

    )

}

export default ToDoLists;

index.css

\*

{

    box-sizing : border-box;

    margin : 0;

    padding : 0%;

}

.main\_div

{

width: 100%;

height: 100vh;

background: #badc58;

display: flex;

flex-direction: row;

justify-content: center;

align-items: center;

text-align: center;

}

.center\_div

{

width: 25%;

height: 60vh;

background-color: #f4f4f4;

box-shadow: 5px 5px 25px -5x rgba(0,0,0,0.5);

border-radius: 15px;

display: flex;

flex-direction: column;

justify-content: center;

align-items: center;

}

h1

{

color: white;

background: transparent;

font-size: 50px;

background-color: #30336b;

padding: 6px 0 2px 0;

margin-bottom: 50px;

width: 100%;

box-shadow: 5px 5px 25px -5x rgba(0,0,0,0.5);

}

button

{

min-height: 40px;

border-radius: 5%;

border-color: transparent;

background-color:#30336b;

color: #fff;

font-size: 20px;

border: none;

outline:none;

padding: 0 15px;

margin-top: 30px;

box-shadow: 5px 5px 15px -5px rgba(0,0,0,0.3);

cursor:pointer;

}

button:hover

{

background-color: #22a6b3;

}

.btn\_div

{

    width: 100%;

    display: flex;

    justify-content: space-around;

    align-items: center;

}

.btn\_green:hover

{

color:#2ed573 ;

}

.btn\_red:hover

{

    color:#ff4757 ;

}

.btn\_yellow:hover

{

    color:#d8fa08;

}

# React Project using Material UI Free Code: Create ToDo List App in React

Index.js

import React from 'react';

import ReactDOM from 'react-dom';

import "./index.css";

import App from './App';

ReactDOM.render(

    <App />,

    document.getElementById("root")

);

App.jsx

import React, { useState } from "react";

import ToDoLists from './ToDoLists';

import Button from '@material-ui/core/Button';

import AddIcon from '@mui/icons-material/Add';

const App = (props) => {

    const [item, setItem] = useState();

    const [newitem, setNewItem] = useState([]);

    const itemEvent = (event) => {

        setItem(event.target.value);

    }

    const listOfItems = () => {

        setNewItem((oldItems) => {

            return [...oldItems, item];

        })

        setItem(" ");

    };

    return (

        <>

            <div className="main\_div">

                <div className="center\_div">

                    <br />

                    <h1>ToDo List</h1>

                    <br />

                    <input type="text" placeholder="Add a items" onChange={itemEvent} value={item} />

                    <Button className="newBtn" onClick={listOfItems}> <AddIcon /> </Button>

                    <ol>

                        {/\*<li>{inputList}</li>\*/}

                        {

                            newitem.map((val, index) => {

                                return <ToDoLists text={val} key={index} />

                            }

                            )

                        }

                    </ol>

                </div>

            </div>

        </>

    )

}

export default App;

ToDoLists.jsx

import React, { useState } from "react";

import DeleteIcon from '@mui/icons-material/Delete';

const ToDoLists = (props) => {

    const [line, setLine] = useState(false);

    const cutIt = () => {

        setLine(true);

    }

    return (

        <div className="todo\_style">

            <span onClick={cutIt} ><DeleteIcon className="deleteIcon" /></span>

            <li style={{ textDecoration: line ? "line-through" : "none" }}>{props.text}</li>

        </div>

    )

}

export default ToDoLists;

index.css

\*

{

    box-sizing: border-box;

    padding: 0;

    margin: 0;

    font-family: "Josefin Sans", "Arial Narrow", Arial, sans-serif;

  }

  .main\_div

  {

    width: 100%;

    height: 100vh;

    background: #7bed9f;

    display: flex;

    flex-direction: row;

    justify-content: center;

    align-items: center;

    text-align: center;

  }

  .center\_div

  {

    width: 25%;

    height: 70vh;

    background-color: #f4f4f4;

    box-shadow: 5px 5px 25px -5px rgba(0, 0, 0, 0.5);

    border-radius: 15px;

  }

  h1

  {

    color: rgba(0, 0, 0, 0.87);

    font-size: 50px;

    margin-bottom: 30px;

    min-width: 64px;

    box-sizing: border-box;

    font-family: "Comfortaa", cursive;

    /\* plz subscibe to thapatechnical channel \*/

    font-weight: 500;

    border-radius: 4px;

    letter-spacing: 0.02857em;

    text-transform: uppercase;

    text-shadow: 5px 5px 5px rgba(0, 0, 0, 0.3);

  }

  input

  {

    text-align: center;

    height: 30px;

    border: none;

    background: transparent;

    font-size: 20px;

    font-weight: 500;

    width: 60%;

    border-bottom: 2px solid #8566aa;

    outline: none;

    margin-right: 20px;

  }

  .newBtn

  {

   width: 50px;

   height: 55px;

   background-color: #16a085 !important;

   color: white !important;

   box-shadow: 5px 5px 15px -5px rgba(0, 0, 0, 0.3);

   border-radius: 50% !important;

   }

   .newBtn:hover

   {

   color: #16a085 !important;

   background: white !important;

   }

  .MuiSvgIcon-root

  {

  width: 2rem !important;

  height: 2rem !important;

  }

  ol

  {

   margin-top: 30px;

  /\* margin-right: 50px; \*/

  }

   ol li

   {

   padding-left: 0px;

   text-align: left;

   font-size: 20px;

   font-weight: 500;

   min-height: 40px;

   display: flex;

   align-items: center;

   color: #8566aa;

   text-transform: capitalize;

   list-style: none;

  }

   .todo\_style

   {

   display: flex;

   flex-direction: row;

   justify-content: left;

   align-items: center;

   }

  .todo\_style .deleteIcon

  {

   width: 25px;

   height: 25px;

   display: flex;

   justify-content: center;

   align-items: center;

   background-color: #8566aa;

   border-radius: 50%;

   margin: 0 15px 0 35px;

   padding: 5px;

   color: aliceblue;

   box-shadow: 5px 5px 15px -5px rgba(0, 0, 0, 0.3);

   }

   .todo\_style .deleteIcon:hover

   {

   background-color: transparent;

   color: crimson;

   box-shadow: 5px 5px 15px -5px rgba(255, 0, 0, 0.5);

   }

   .todo\_style .fa-times:hover .list\_style

   {

    color: crimson;

  }

 @media (max-width: 768px) {

  .center\_div

  {

  width: 55%;

  }

  .todo\_style .fa-times

  {

  margin: 0 15px 0 15px;

  display: flex;

  justify-content: center;

  align-items: center;

  }

  button

  {

  margin-left: 5px;

  min-height: 40px;

  width: 40px;

  color: #fff;

  font-size: 30px;

  }

  }

# React Bootstrap Autocomplete Extension in VS

Index.js

import React, { useState } from "react";

import '../node\_modules/bootstrap/dist/css/bootstrap.min.css';

const App = () => {

    return (

        <>

            <h1 className='text-capitalize text-center mt-5 text-danger'>Welcome</h1>

        </>

    )

}

export default App;

App.jsx

import React from "react";

import '../node\_modules/bootstrap/dist/css/bootstrap.min.css'

const App = () => {

    return (

        <>

            <h1 className='text-capitalize text-center mt-5 text-danger'>Welcome</h1>

        </>

    )

}

export default App;

# Create Accordion using React JS

Index.js

import React from 'react';

import ReactDOM from 'react-dom';

import "./index.css";

import App from './App';

ReactDOM.render(

    <App />,

    document.getElementById("root")

);

App.jsx

import React from "react";

import Accordian from "./SagorProject/accordian/Accordian";

const App = () => {

    return (

        <>

            <Accordian />

        </>

    )

}

export default App;

Accordian.js

import React, { useState } from "react";

import { questions } from "./api";

import MyAccordian from "./MyAccordian";

import "./accordian.css";

const Accordian = () => {

    const [data, setData] = useState(questions);

    return (

        <>

            <section className="main-div">

                <h1>React Interview Questions</h1>

                {

                    data.map((curElem) => {

                        const { id } = curElem;

                        return <MyAccordian key={id} {...curElem} />;

                    })

                }

            </section>

        </>

    )

}

export default Accordian;

MyAccordian.js

import { useState } from "react";

const MyAccordian = ({ question, answer }) => {

    const [show, setShow] = useState(false);

    return (

        <>

            <div className="main-heading">

                <p onClick={() => setShow(!show)}>{show ? "➖" : "➕"}</p>

                <h3>{question}</h3>

            </div>

            {show && <p className="answers">{answer}</p>}

        </>

    )

}

export default MyAccordian;

api.js

export const questions = [

    {

        id: 1,

        question: 'What is the virtual DOM ? ',

        answer: 'DOM stands for Document Object Model. the DOM represents an HTML document with a logical tree structure'

    },

    {

        id: 2,

        question: 'How do you create a React app ? ',

        answer: 'Install the create-react-app package using the command promt or terminal'

    },

    {

        id: 3,

        question: 'What is an event in React? ',

        answer: 'An event is an action that a user or system may trigger, such as pressing a key, a mouse click etc'

    },

    {

        id: 4,

        question: 'What are synthetic events in React? ',

        answer: "Synthetic events combine the response of different browser's native events into one API, ensuring that"

    },

    {

        id: 5,

        question: 'What are the components in React? ',

        answer: 'Components are the building blocks of any React application, and a single app usually consists of multiple'

    },

    {

        id: 6,

        question: 'What are the components in React? ',

        answer: 'Components are the building blocks of any React application, and a single app usually consists of multiple'

    },

]

accordion.css

\*

{

   margin: 0;

   padding: 0;

   box-sizing: border-box;

}

body

{

   width: 100%;

   height: 100vh;

   background-color: aliceblue;

   display: flex;

   justify-content: center;

   align-items: center;

   background-image: linear-gradient(#fcf5f5, #eff4fd);

}

.main-div

{

    width: 30vw;

    padding: 50px;

    background-color: rgba(255, 255, 255);

    border-radius: 10px;

    box-shadow: rgba(17, 17, 26, 0.05) 0px 1px 0px, rgba(17, 17, 26, 0.1) 0px 0px 8px;

}

h1

{

    text-align: center;

    font-family: "Bitter", serif;

    text-transform: capitalize;

    font-size: 32px;

}

.main-heading

{

   display: flex;

   flex-direction: row;

   justify-content: left;

   align-items: center;

padding-top: 25px;

}

.answers

{

    padding:10px 0 0 20px;

    text-align: left;

    font-size: 15px;

    font-weight: 500;

    min-height: 40px;

    display: flex;

    align-items: center;

    background-color: black;

    color: white;

    text-transform: capitalize;

}

p

{

    cursor: pointer;

}

# I Tried To Create React WebPage In Just 1 MINUTE Only | React Bootstrap 4

Index.js

import React from 'react';

import ReactDOM from 'react-dom';

import "./index.css";

import App from './App';

ReactDOM.render(

    <App />,

    document.getElementById("root")

);

App.jsx

import React from "react";

import '../node\_modules/bootstrap/dist/css/bootstrap.min.css';

const App = () => {

    return (

        <>

            <h1 className="text-center text-danger text-capitalize my-5">{" "} Welcome to My Page {" "}</h1>

            <div className="container">

                <div className="row">

                    <div className="col">

                        <div class="card" >

                            <img src="https://picsum.photos/id/237/200/301

" class="card-img-top" alt=" " height="200px" width="200px" />

                            <div class="card-body">

                                <h5 class="card-title">Card title</h5>

                                <p class="card-text">Some quick example text to build on the card title and make up the bulk of the card's content.</p>

                                <a href="#" class="btn btn-primary">Go somewhere</a>

                            </div>

                        </div>

                    </div>

                    <div className="col">

                        <div class="card" >

                            <img src="https://picsum.photos/200/300

" class="card-img-top" alt=" " height="200px" width="200px" />

                            <div class="card-body">

                                <h5 class="card-title">Card title</h5>

                                <p class="card-text">Some quick example text to build on the card title and make up the bulk of the card's content.</p>

                                <a href="#" class="btn btn-primary">Go somewhere</a>

                            </div>

                        </div>

                    </div>

                    <div className="col">

                        <div class="card" >

                            <img src="https://picsum.photos/seed/picsum/200/300

" class="card-img-top" alt=" " height="200px" width="200px" />

                            <div class="card-body">

                                <h5 class="card-title">Card title</h5>

                                <p class="card-text">Some quick example text to build on the card title and make up the bulk of the card's content.</p>

                                <a href="#" class="btn btn-primary">Go somewhere</a>

                            </div>

                        </div>

                    </div>

                </div>

            </div>

        </>

    )

}

export default App;

# Google Keep App Clone With ReactJS

Index.js

import React from "react";

import ReactDOM from "react-dom";

import "./index.css";//import “./index.scss”;

import App from "./App";

ReactDOM.render(

    <App />,

    document.getElementById("root")

);

App.jsx

import React, { useState } from "react";

import Header from "./Header";

import Footer from "./Footer";

import CreateNote from "./CreateNote";

import Note from "./Note";

const App = () => {

    const [addItem, setAddItem] = useState([]);

    const addNote = (note) => {

        setAddItem((prevData) => {

            return [...prevData, note];

        })

    }

    const onDelete = (id) => {

        setAddItem((oldData) =>

            oldData.filter((currdata, indx) => {

                return indx != id

            })

        )

    }

    return (

        <>

            <Header />

            <CreateNote passNote={addNote} />

            {addItem.map((val, index) => {

                return (

                    <Note

                        key={index}

                        id={index}

                        title={val.title}

                        content={val.content}

                        deleteItem={onDelete}

                    />

                )

            }

            )}

            <Footer />

        </>

    )

}

export default App;

Header.jsx

import React from "react";

import logo from "./Images/logo.png";

const Header = () => {

    return (

        <>

            <div className="header">

                <img src={logo} alt="logo" width="70" height="50" />

                <h1>Sagor Raihan</h1>

            </div>

        </>

    )

}

export default Header;

CreateNote.jsx

import React, { useState } from "react";

import Button from '@mui/material/Button';

import AddIcon from '@mui/icons-material/Add';

const CreateNote = (props) => {

    const [expand, setExpand] = useState(false);

    const [note, setNote] = useState({

        title: " ",

        content: " ",

    });

    const InputEvent = (event) => {

        //const value = event.target.value;

        //const name = event.target.name;

        const { name, value } = event.target;

        setNote((prevData) => {

            return {

                ...prevData,

                [name]: value,

            }

        })

    }

    const addEvent = () => {

        props.passNote(note);

        setNote({

            title: " ",

            content: " ",

        })

    }

    const expandIt = () => {

        setExpand(true);

    }

    const btoNormal = () => {

        setExpand(false);

    }

    return (

        <>

            <div className="main\_note" onDoubleClick={btoNormal}>

                <form>

                    {expand ?

                        <input

                            type="text"

                            placeholder="Title"

                            onChange={InputEvent}

                            name="title"

                            value={note.title}

                            autoComplete="off"

                        /> : null}

                    <textarea

                        row=" "

                        column=" "

                        placeholder=" Write a note..."

                        onChange={InputEvent}

                        name="content"

                        value={note.content}

                        onClick={expandIt}

                    >

                    </textarea>

                    {expand ?

                        <Button onClick={addEvent}>

                            <AddIcon className="plus\_sign" />

                        </Button> : null}

                </form>

            </div>

        </>

    )

}

export default CreateNote;

Note.jsx

import React from "react";

import DeleteOutlineIcon from '@mui/icons-material/DeleteOutline';

const Note = (props) => {

    const deleteNote = () => {

        props.deleteItem(props.id);

    }

    return (

        <>

            <div className="note">

                <h1>{props.title}</h1>

                <br />

                <p>{props.content}</p>

                <button className="btn" onClick={deleteNote}>

                    <DeleteOutlineIcon className="deleteIcon" />

                </button>

            </div>

        </>

    )

}

export default Note;

Footer.jsx

import React from "react";

const Footer = () => {

    const year = new Date().getFullYear();

    return (

        <>

            <footer className="footer">

                <p>copywright © {year}</p>

            </footer>

        </>

    )

}

export default Footer;

index.css

\*

{

   margin: 0;

   padding: 0;

   box-sizing: border-box;

   font-family: "Bodoni MT Black";

}

.header /\* uporer tuku\*/

{

   width: 100%;

   line-height: 75px;

   background-color: #f5ba13;

   display: flex;

   justify-content: start;

   align-items: center;

   padding-left: 50px;

   color: white;

   box-shadow: 5px 3px 15px -5px rgba(0, 0, 0, 0.5);

}

.main\_note /\* blue color er div\*/

{

   width: 500px;

   display: flex;

   margin: 20px auto;

   padding: 15px 10px 5px 10px;

   background-color: blue;

   justify-content: center;

   align-items: center;

}

form /\* red color er ta \*/

{

   background-color: red;

   min-height: 50px;

   color: #ecf0f1;

   padding: 15px 10px 5px 10px;

   border-radius: 10px;

   position: relative;

}

input /\* yellow color er ta \*/

{

width: 100%;

line-height: 30px;

background: /\*transparent\*/ yellow;

/\* border: none;

outline: none; \*/

font-size: 1.5rem;

margin: 10px 0;

font-weight: bold;

}

textarea /\* purple color er ta \*/

{

   width: 100%;

   line-height: 30px;

   background: /\*transparent\*/ purple;

   /\* border: none;

   outline: none; \*/

   font-size: 1rem;

   margin: 10px 0;

}

.MuiButton-root  /\* #ff0f color er ta \*/

{

   width: 60px;

   height: 60px;

   position: absolute;

   bottom: -28px;

   left: 400px;

   cursor: pointer;

   background-color: #ff0f !important;

   box-shadow: 3px 3px 15px 10px rgba(0, 0, 0, 0.5);

   border-radius: 50% !important;

}

.MuiButton-root .plus\_sign  /\* black color er ta \*/

{

   font-size: 40px !important;

   font-weight: 900;

   color: #f4b400;

   cursor: pointer;

   z-index: 222;

   background: /\* transparent \*/ black;

}

.MuiButton-root:hover

{

   background: #f4b400 !important;

}

.MuiButton-root:hover .plus\_sign

{

   color: #fff;

   background: /\* transparent \*/ blue;

}

.note /\* blueviolet color er div\*/

{

   background: blueviolet;

   border-radius: 7px;

   box-shadow: 0 2px 5px #ccc;

   padding: 10px;

   width: 240px;

   float: left;

   margin: 16px

}

.note h1 /\* red color er ta\*/

{

   font-size: 1.1em;

   margin-bottom: 6px;

   background-color: red;

}

.note p /\* burlywood color er ta ta\*/

{

   background-color: burlywood;

   font-size: 1.1em;

   margin-bottom: 10px;

   white-space: pre-wrap;

   word-wrap: break-word;

}

.note .btn /\* note div er vitorer btn \*/

{

   position: relative;

   float: right;

   margin-right:10px;

   color:#f4b400;

   border: none;

   outline: none;

   width: 50px;

   height: 50px;

   background: yellowgreen;

   cursor: pointer;

   box-shadow: 3px 3px 15px 10px rgba(0, 0, 0, 0.5);

}

.deleteIcon /\* note div er vitorer btn er delete icon \*/

{

   width: 0.7em;

   height:0.7em;

}

.note .btn:hover

{

background-color: #f5ba13;

}

.note .btn:hover .deleteIcon

{

   color: #fff;

}

footer /\* nicher tuku\*/

{

   width: 100%;

   display: flex;

   justify-content: center;

   align-items: center;

   background-color: yellow;

   position: relative;

   top: 395px;

}

Index.scss

\*

{

   margin: 0;

   padding: 0;

   box-sizing: border-box;

   font-family: "Bodoni MT Black";

}

$bg-color: yellow;

@mixin flexproperty

{

    display: flex;

    align-items: center;

}

.header /\* uporer tuku\*/

{

   @include flexproperty();

   justify-content: start;

   width: 100%;

   line-height: 75px;

   background-color: #f5ba13;

   padding-left: 50px;

   color: white;

   box-shadow: 5px 3px 15px -5px rgba(0, 0, 0, 0.5);

}

.main\_note /\* blue color er div\*/

{

   @include flexproperty;

   justify-content: center;

   width: 500px;

   margin: 20px auto;

   padding: 15px 10px 5px 10px;

   background-color: blue;

}

form /\* red color er ta \*/

{

   background-color: red;

   min-height: 50px;

   color: #ecf0f1;

   padding: 15px 10px 5px 10px;

   border-radius: 10px;

   position: relative;

}

input /\* yellow color er ta \*/

{

width: 100%;

line-height: 30px;

background: /\*transparent\*/ $bg-color;

/\* border: none;

outline: none; \*/

font-size: 1.5rem;

margin: 10px 0;

font-weight: bold;

}

textarea /\* purple color er ta \*/

{

   width: 100%;

   line-height: 30px;

   background: /\*transparent\*/ purple;

   /\* border: none;

   outline: none; \*/

   font-size: 1rem;

   margin: 10px 0;

}

.MuiButton-root  /\* #ff0f color er ta \*/

{

   width: 60px;

   height: 60px;

   position: absolute;

   bottom: -28px;

   left: 400px;

   cursor: pointer;

   background-color: #ff0f !important;

   box-shadow: 3px 3px 15px 10px rgba(0, 0, 0, 0.5);

   border-radius: 50% !important;

   &  .plus\_sign  /\* black color er ta \*/

   {

      font-size: 40px !important;

      font-weight: 900;

      color: #f4b400;

      cursor: pointer;

      z-index: 222;

      background: /\* transparent \*/ black;

   }

   & :hover

   {

      background: #f4b400 !important;

   }

   & :hover .plus\_sign

   {

      color: #fff;

      background: /\* transparent \*/ blue;

   }

}

.note /\* blueviolet color er div\*/

{

   background: blueviolet;

   border-radius: 7px;

   box-shadow: 0 2px 5px #ccc;

   padding: 10px;

   width: 240px;

   float: left;

   margin: 16px;

   & h1 /\* red color er ta\*/

   {

      font-size: 1.1em;

      margin-bottom: 6px;

      background-color: red;

   }

   & p /\* burlywood color er ta ta\*/

   {

      background-color: burlywood;

      font-size: 1.1em;

      margin-bottom: 10px;

      white-space: pre-wrap;

      word-wrap: break-word;

   }

   & .btn /\* note div er vitorer btn \*/

   {

      position: relative;

      float: right;

      margin-right:10px;

      color:#f4b400;

      border: none;

      outline: none;

      width: 50px;

      height: 50px;

      background: $bg-color;

      cursor: pointer;

      box-shadow: 3px 3px 15px 10px rgba(0, 0, 0, 0.5);

   }

   & .btn:hover

  {

      background-color: #f5ba13;

  }

  & .btn:hover .deleteIcon

  {

      color: #fff;

  }

  }

.deleteIcon /\* note div er vitorer btn er delete icon \*/

{

   width: 0.7em;

   height:0.7em;

}

footer /\* nicher tuku\*/

{

   @include flexproperty;

   justify-content: center;

   width: 100%;

   background-color: $bg-color;

   position: relative;

   top: 395px;

}

# Context API in React JS

Index.js

import React from "react";

import ReactDOM from "react-dom";

import "./index.css";

import App from "./App";

ReactDOM.render(

    <App />,

    document.getElementById("root")

);

App.jsx

import React, { createContext } from "react";

import ComA from "./ComA";

const FirstName = createContext();

const LastName = createContext();

const App = () => {

    return (

        <>

            <FirstName.Provider value={"Sagor"}> <LastName.Provider value={"Raihan"}> <ComA /> </LastName.Provider> </FirstName.Provider>

        </>

    )

}

export default App;

export { FirstName, LastName };

ComA.jsx

import React from "react";

import ComB from "./ComB";

const ComA = () => {

    return <>

        <ComB />

    </>

}

export default ComA;

ComB.jsx

import React from "react";

import ComC from "./ComC";

const ComB = () => {

    return <>

        <ComC />

    </>

}

export default ComB;

ComC.jsx

import React from "react";

import { FirstName, LastName } from "./App";

const ComC = () => {

    return <>

        <FirstName.Consumer >{(fname) => {

            return (

                <LastName.Consumer>

                    {(lname) => {

                        return <h1>My Name Is {fname} {lname}</h1>

                    }}

                </LastName.Consumer>

            )

        }}</FirstName.Consumer>

    </>

}

export default ComC;

# useContext Hook in React | How useContext Hook Works

index.js

import React from "react";

import ReactDOM from "react-dom";

import "./index.css";

import App from "./App";

ReactDOM.render(

    <App />,

    document.getElementById("root")

);

App.jsx

import React, { createContext } from "react";

import ComA from "./ComA";

const FirstName = createContext();

const LastName = createContext();

const App = () => {

    return (

        <>

            <FirstName.Provider value={"Sagor"}> <LastName.Provider value={"Raihan"}> <ComA /> </LastName.Provider> </FirstName.Provider>

        </>

    )

}

export default App;

export { FirstName, LastName };

ComA.jsx

import React from "react";

import ComB from "./ComB";

const ComA = () => {

    return <>

        <ComB />

    </>

}

export default ComA;

ComB.jsx

import React, { useContext } from "react";

import { FirstName, LastName } from "./App";

const ComB = () => {

    const fname = useContext(FirstName);

    const lname = useContext(LastName);

    return (

        <h1>My Name Is {fname} {lname}</h1>

    )

}

export default ComB;

# useEffect Hook in React JS

index.js

import React from 'react';

import ReactDOM from 'react-dom';

import "./index.css";

import App from './App';

ReactDOM.render(

    <App />,

    document.getElementById("root")

);

App.jsx

import React, { useEffect, useState } from "react";

const App = () => {

    const [num, setNum] = useState(0);

    const [nums, setNums] = useState(0);

    useEffect(() => {

        alert("I Am Clicked")

    }, [num, nums])

    return (

        <>

            <button onClick={() => {

                setNum(num + 1)

            }}>Click Me {num}</button>

            <br />

            <button onClick={() => {

                setNums(nums + 1)

            }}>Click Me {nums}</button>

        </>

    )

}

export default App;

# React Hook Challenge #7: Changing the Title value of Website on Button Click

Index.js

import React from 'react';

import ReactDOM from 'react-dom';

import "./index.css";

import App from './App';

ReactDOM.render(

    <App />,

    document.getElementById("root")

);

App.jsx

import React, { useEffect, useState } from "react";

const App = () => {

    const [num, setNum] = useState(0);

    const [nums, setNums] = useState(0);

    useEffect(() => {

        document.title = ` You Clicked Me ${num} ${nums} times`

    }, [num, nums])

    return (

        <>

            <button onClick={() => {

                setNum(num + 1)

            }}>Click Me {num}</button>

            <br />

            <button onClick={() => {

                setNums(nums + 1)

            }}>Click Me {nums}</button>

        </>

    )

}

export default App;

# ReactJS 🔴 LIVE INDIA Covid-19 State Wise Tracker using Real API

Index.js

import React from 'react';

import ReactDOM from 'react-dom';

import "./index.css";

import App from './App';

ReactDOM.render(

    <App />,

    document.getElementById("root")

);

App.jsx

import React from "react";

import Statewise from "./stateWiseData/Statewise";

const App = () => {

    return (

        <>

            <Statewise />

        </>

    )

}

export default App;

Statewise.jsx

import React, { useEffect, useState } from "react";

import "./Statewise.css";

const Statewise = () => {

    const [data, setData] = useState([]);

    const getCovidData = async () => {

        const res = await fetch("https://api.covid19india.org/data.json"); // res mean response

        const actualData = await res.json();

        console.log(actualData.statewise);

        setData(actualData.statewise);

    }

    useEffect(() => {

        getCovidData();

    }, [])

    return (

        <>

            <div className="container-fluid mt-5">

                <div className="main-heading">

                    <h1 className="mb-5 text-center"><span className="font-weight-bold">INDIA</span> COVID-19 DASHBOARD</h1>

                </div>

                <div className="table-responsive ">

                    <table className="table table-hover">

                        <thead className="thead-dark">

                            <tr>

                                <th>State</th>

                                <th>Confirmed</th>

                                <th>Recovered</th>

                                <th>Deaths</th>

                                <th>Active</th>

                                <th>Updated</th>

                            </tr>

                        </thead>

                        <tbody>

                            {

                                data.map((currElm, indx) => {

                                    return (

                                        <tr key={indx}>

                                            <th>{currElm.state}</th>

                                            <td>{currElm.confirmed}</td>

                                            <td>{currElm.recovered}</td>

                                            <td>{currElm.deaths}</td>

                                            <td>{currElm.active}</td>

                                            <td>{currElm.lastupdatedtime}</td>

                                        </tr>

                                    )

                                })

                            }

                        </tbody>

                    </table>

                </div>

            </div>

        </>

    )

}

export default Statewise;

Statewise.jsx(2)

import React, { useEffect, useState } from "react";

import "./Statewise.css";

const Statewise = () => {

    const [data, setData] = useState([]);

    const getCovidData = async () => {

        const res = await fetch("https://services1.arcgis.com/0MSEUqKaxRlEPj5g/arcgis/rest/services/ncov\_cases2\_v1/FeatureServer/2/query?where=1%3D1&outFields=\*&outSR=4326&f=json"); // res mean response

        const actualData = await res.json();

        console.log(actualData.fields);

        setData(actualData.fields);

    }

    useEffect(() => {

        getCovidData();

    }, [])

    return (

        <>

            <div className="container-fluid mt-5">

                <div className="main-heading">

                    <h1 style={{ textAlign: "center" }}>INDIA COVID-19 DASHBOARD</h1>

                </div>

                <div className="table-responsive ">

                    <table className="table table-hover">

                        <thead className="thead-dark">

                            <tr>

                                <th>S.L</th>

                                <th>Name</th>

                                <th>Type</th>

                                <th>Alias</th>

                                <th>sqlType</th>

                                <th>Length</th>

                            </tr>

                        </thead>

                        <tbody>

                            {

                                data.map((currElm, indx) => {

                                    return (

                                        <tr key={indx}>

                                            <th>{currElm.sl}</th>

                                            <td>{currElm.name}</td>

                                            <td>{currElm.type}</td>

                                            <td>{currElm.alias}</td>

                                            <td>{currElm.sqlType}</td>

                                            <td>{currElm.length}</td>

                                        </tr>

                                    )

                                })

                            }

                        </tbody>

                    </table>

                </div>

            </div>

        </>

    )

}

export default Statewise;

Statewise.css

@import url("https://fonts.googleapis.com/css2?family=Montserrat:wght@300&display=swap");

\*

{

margin: 0;

padding: 0%;

box-sizing: border-box;

font-family: "Montserrat", sans-serif;

}

.container-fluid

{

    width: 90%;

    margin: auto;

}

.table-responsive

{

    max-height: 700px;

    box-shadow: rgba(0, 0, 0, 0.25) 0px 25px 50px -12px;

}

tr:hover

{

    background-color: #ffa;

}

td,th

{

position: relative;

}

.table td,

.table th

{

padding: 0.75rem;

vertical-align: top;

border-top: none;

}

td:hover::after,

th:hover::after

{

    content: " ";

    position: absolute;

    background-color: #f2f2f2;

    left: 0;

    top: -5000px;

    height: 5000px;

    width: 100%;

    z-index: -1;

}

.table tr td:hover:nth-child(4)

{

    background-color: rgb(231, 83, 115);

    color: aliceblue;

    border: 0.5px solid rgb(12, 12, 12);

}

.table tr td:hover

{

    background-color: rgb(117, 223, 122);

    color: aliceblue;

    border: 0.5px solid rgb(12, 12, 12);

}

.thead-dark

{

    font-weight: bold;

    text-transform: uppercase;

}

# React API Call to Get Pokemon JSON Data using Axios and useEffect in ReactJS

Index.js

import React from 'react';

import ReactDOM from 'react-dom';

import ComA from './ComA';

ReactDOM.render(

    <ComA />,

    document.getElementById("root")

);

ComA.jsx

import React, { useEffect, useState } from "react";

import axios from "axios";

import "./ComA.css";

const ComA = () => {

    const [num, setNum] = useState();

    const [name, setName] = useState();

    const [moves, setMoves] = useState();

    useEffect(() => {

        //alert("Hi");

        async function getData() {

            const res = await axios.get(`https://pokeapi.co/api/v2/pokemon/${num}`)

            console.log(res.data.name)

            setName(res.data.name)

            setMoves(res.data.moves.length) //ekhane length nisi karon moves array[] akare ase

        }

        getData();

    })

    return (

        <>

            <div className="main-div">

                <h1 className="main-h1">Get Pokemon Data </h1>

                <div className="center-div">

                    <div className="part1">

                        <h1>You choose <span style={{}}> {num} </span> value</h1>

                        <h1>My name is <span style={{}}> {name} </span></h1>

                        <h1>I have <span style={{}}> {moves} </span> moves</h1>

                    </div>

                    <div className="part2">

                        <select value={num} onChange={(event) => {

                            setNum(event.target.value);

                        }}>

                            <option value="1">1</option>

                            <option value="25">25</option>

                            <option value="3">3</option>

                            <option value="4">4</option>

                            <option value="5">5</option>

                        </select>

                    </div>

                </div>

            </div>

        </>

    )

}

export default ComA;

ComA.css

@import url("https://fonts.googleapis.com/css2?family=Montserrat:wght@300&display=swap");

\*

{

    margin: 0;

    padding: 0;

    box-sizing:border-box;

    font-family: "Montserrat", sans-serif;

}

.main-div

{

    width: 100%;

    height: 100vh;

    display: flex;

    justify-content: center;

    flex-direction: column;

    align-items: center;

    background: #2ed573;

}

.main-h1

{

    text-shadow: 2px 5px 5px #2f3542;

    word-spacing: 10px;

    margin-bottom: 20px;

    font-size:2.5rem;

    text-transform: uppercase;

    letter-spacing: 2px;

    color: white;

    background: #2ed573;

    font-weight: bold;

}

.center-div

{

    width: 60%;

    height: 450px;

    box-shadow:2px 2px 2px 5px white;

    display: flex;

    flex-direction: column;

    align-items: center;

    justify-content: center;

    background: #57606f;

    color: white;

}

.part1

{

    margin-bottom: 50px;

}

.part1 h1

{

    padding: 10px;

    background-color: #ff6b81;

    color: white;

    text-align: center;

    word-spacing: 5px;

    letter-spacing: 2px;

    text-shadow: 2px 5px 5px #2f3542;

    margin-bottom: 10px;

}

.part1 span

{

    background-color: #ff6b81;

    font-weight: bold;

    font-size: 40px;

    text-transform: uppercase;

    color: black;

}

.part2 select

{

    background: #3498db;

    width: 180px;

    padding: 4px 0;

    border-radius: 3px;

    color:white;

    font-size: 1.2rem;

    background-color: darken(#f1c40f, 20%);

}

.part2 option

{

    font-size: 1.4rem;

}

# React Router Tutorial in Hindi | React Router Dom

Index.js

import React from 'react';

import ReactDOM from 'react-dom';

import App from './App';

import { BrowserRouter } from "react-router-dom";

ReactDOM.render(

    <BrowserRouter>

        <App />

    </BrowserRouter>,

    document.getElementById("root")

);

App.jsx

import React from "react";

import { Route, Routes } from "react-router-dom";

import About from "./About";

import Contact from "./Contact";

import Error from "./Error";

const Name = () => {

    return (

        <>

            <h1>My Name Is Sagor</h1>

        </>

    )

}

const App = () => {

    return (

        <>

            <Routes>

                <Route exact path="/" element={<About />} />

                <Route exact path="/contact" element={<Contact />} />

                <Route path="/contact/Name" element={<Name />} />

                <Route path="\*" element={<Error />} />

          </Routes>

        </>

    )

}

export default App;

About.jsx

import React from "react";

const About = () => {

    return (

        <>

            <h1>Hi, This Is My About Page</h1>

        </>

    )

}

export default About;

Contact.jsx

import React from "react";

const Contact = () => {

    return (

        <>

            <h1>Hi, This Is My Contact Page</h1>

        </>

    )

}

export default Contact;

Error.jsx

import React from "react";

const Error = () => {

    return (

        <>

            <h1>Ooops! Page Not Found!</h1>

        </>

    )

}

export default Error;

# Create React NAVBAR / MENU using React Router

Index.js

import React from 'react';

import ReactDOM from 'react-dom';

import "./index.css";

import App from './App';

import { BrowserRouter } from "react-router-dom";

ReactDOM.render(

    <BrowserRouter>

        <App />

    </BrowserRouter>,

    document.getElementById("root")

);

App.jsx

import React from "react";

import { Route, Routes } from "react-router-dom";

import About from "./About";

import Contact from "./Contact";

import Error from "./Error";

import Menu from "./Menu";

const Name = () => {

    return (

        <>

            <h1>My Name Is Sagor</h1>

        </>

    )

}

const App = () => {

    return (

        <>

            <Menu />

            <Routes>

                <Route exact path="/" element={<About />} />

                <Route exact path="/contact" element={<Contact />} />

                <Route path="/contact/Name" element={<Name />} />

               <Route path="\*" element={<Error />} />

          </Routes>

        </>

    )

}

export default App;

Menu.jsx

import React from "react";

import { Link, NavLink } from "react-router-dom";

const Menu = () => {

    return (

        <>

            <NavLink

                style={({ isActive }) => {

                    return {

                        backgroundColor: isActive ? "green" : "red"

                    }

                }}

                className="btn btn-success" to="/" >AboutUs</NavLink><br />

            <NavLink

                style={({ isActive }) => {

                    return {

                        backgroundColor: isActive ? "green" : "red"

                    }

                }}

                className="abtn btn-primary" to="/contact" >ContactUs</NavLink><br />

            <a href="/" >AboutUs</a><br />

            <a href="/contact" >ContactUs</a>

        </>

    )

}

export default Menu;

About.jsx

import React from "react";

const About = () => {

    return (

        <>

            <h1>Hi, This Is My About Page</h1>

        </>

    )

}

export default About;

Contact.jsx

import React from "react";

const Contact = () => {

    return (

        <>

            <h1>Hi, This Is My Contact Page</h1>

        </>

    )

}

export default Contact;

# React Route Render Method | Difference between Render and Component Prop

Index.js

import React from 'react';

import ReactDOM from 'react-dom';

import "./index.css";

import App from './App';

import { BrowserRouter } from "react-router-dom";

ReactDOM.render(

    <BrowserRouter>

        <App />

    </BrowserRouter>,

    document.getElementById("root")

);

App.jsx

import React from "react";

import { Route, Routes } from "react-router-dom";

import About from "./About";

import Contact from "./Contact";

import Menu from "./Menu";

import Service from "./Service";

const App = () => {

    return (

        <>

            <Menu />

            <Routes>

                <Route exact path="/" element={<About name="About" />} />

                <Route exact path="/service" element={<Service name="Service" />} />

                <Route exact path="/contact" element={<Contact name="ContactUs" />} />

            </Routes>

        </>

    )

}

export default App;

Menu.jsx

import React from "react";

import { Link, NavLink } from "react-router-dom";

const Menu = () => {

    return (

        <>

            <NavLink

                style={({ isActive }) => {

                    return {

                        backgroundColor: isActive ? "green" : "red"

                    }

                }}

                className="btn btn-success" to="/" >AboutUs</NavLink>

            <NavLink

                style={({ isActive }) => {

                    return {

                        backgroundColor: isActive ? "green" : "red"

                    }

                }}

                className="btn btn-primary" to="/service" >Service</NavLink>

            <NavLink

                style={({ isActive }) => {

                    return {

                        backgroundColor: isActive ? "green" : "red"

                    }

                }}

                className="btn btn-primary" to="/contact" >ContactUs</NavLink>

        </>

    )

}

export default Menu;

About.jsx

import React from "react";

const About = (props) => {

    return (

        <>

            <h1>Hi, This Is My {props.name} Page</h1>

        </>

    )

}

export default About;

Service.jsx

import React from "react";

const Service = (props) => {

    return (

        <>

            <h1>Hi, This Is My {props.name} Page</h1>

        </>

    )

}

export default Service;

Contact.jsx

import React from "react";

const Contact = (props) => {

    return (

        <>

            <h1>Hi, This Is My {props.name} Page</h1>

        </>

    )

}

export default Contact;

# useParams Hooks in React Router

Index.js

import React from 'react';

import ReactDOM from 'react-dom';

import "./index.css";

import App from './App';

import { BrowserRouter } from "react-router-dom";

ReactDOM.render(

    <BrowserRouter>

        <App />

    </BrowserRouter>,

    document.getElementById("root")

);

App.jsx

import React from "react";

import { Route, Routes } from "react-router-dom";

import About from "./About";

import Contact from "./Contact";

import Menu from "./Menu";

import Service from "./Service"

import User from "./User";

const App = () => {

    return (

        <>

            <Menu />

            <Routes>

                <Route path="/" element={<About name="About" />} />

                <Route path="/service" element={<Service name="Service" />} />

                <Route path="/contact" element={<Contact name="ContactUs" />} />

                <Route path="/user/:fname/:lname" element={<User />} />

            </Routes>

        </>

    )

}

export default App;

Menu.jsx

import React from "react";

import { Link, NavLink } from "react-router-dom";

const Menu = () => {

    return (

        <>

            <div className="main-div">

                <div className="btn">

                    <NavLink

                        style={({ isActive }) => {

                            return {

                                backgroundColor: isActive ? "green" : "transparent"

                            }

                        }}

                        className="btn btn-success" to="/" >AboutUs</NavLink>

                </div>

                <div className="btn">

                    <NavLink

                        style={({ isActive }) => {

                            return {

                                backgroundColor: isActive ? "green" : "transparent"

                            }

                        }}

                        className="btn btn-primary" to="/service" >Service</NavLink>

                </div>

                <div className="btn">

                    <NavLink

                        style={({ isActive }) => {

                            return {

                                backgroundColor: isActive ? "green" : "transparent"

                            }

                        }}

                        className="btn btn-primary" to="/user" >User</NavLink>

                </div>

                <div className="btn">

                    <NavLink

                        style={({ isActive }) => {

                            return {

                                backgroundColor: isActive ? "green" : "transparent"

                            }

                        }}

                        className="btn btn-primary" to="/contact" >ContactUs</NavLink>

                </div>

            </div>

        </>

    )

}

export default Menu;

User.jsx

import React from "react";

import { useParams } from "react-router-dom";

const User = () => {

    const params = useParams();

    console.log(params);

    return (

        <>

            <h1>Hi, This Is {params.fname} {params.lname} Page</h1>

        </>

    )

}

export default User;

About.jsx

import React from "react";

const About = (props) => {

    return (

        <>

            <h1>Hi, This Is My {props.name} Page</h1>

        </>

    )

}

export default About;

Service.jsx

import React from "react";

const Service = (props) => {

    return (

        <>

            <h1>Hi, This Is My {props.name} Page</h1>

        </>

    )

}

export default Service;

Contact.jsx

import React from "react";

const Contact = (props) => {

    return (

        <>

            <h1>Hi, This Is My {props.name} Page</h1>

        </>

    )

}

export default Contact;

index.css

\*

{

    box-sizing : border-box;

    margin : 0;

    padding : 0%;

    /\* background-color: blue; \*/

}

.main-div

{

    width: 100%;

    height: 10vh;

    display: flex;

    justify-content: center;

    flex-direction: row;

    align-items: center;

    background: #2ed573;

}

.btn

{

    border-radius: 5px;

    color:white;

    font-size: 1.2rem;

    letter-spacing: 2px;

    border: none;

    outline: none;

    margin-left: 20px;

}

# useLocation Hook in React Router

Index.js

import React from 'react';

import ReactDOM from 'react-dom';

import "./index.css";

import App from './App';

import { BrowserRouter } from "react-router-dom";

ReactDOM.render(

    <BrowserRouter>

        <App />

    </BrowserRouter>,

    document.getElementById("root")

);

App.jsx

import React from "react";

import { Route, Routes } from "react-router-dom";

import About from "./About";

import Contact from "./Contact";

import Menu from "./Menu";

import Service from "./Service"

import User from "./User";

const App = () => {

    return (

        <>

            <Menu />

            <Routes>

                <Route path="/" element={<About name="About" />} />

                <Route path="/service" element={<Service name="Service" />} />

                <Route path="/contact" element={<Contact name="ContactUs" />} />

                <Route path="/user/:fname/:lname" element={<User />} />

            </Routes>

        </>

    )

}

export default App;

Menu.jsx

import React from "react";

import { Link, NavLink } from "react-router-dom";

const Menu = () => {

    return (

        <>

            <div className="main-div">

                <div className="btn">

                    <NavLink

                        style={({ isActive }) => {

                            return {

                                backgroundColor: isActive ? "green" : "transparent"

                            }

                        }}

                        className="btn btn-success" to="/" >AboutUs</NavLink>

                </div>

                <div className="btn">

                    <NavLink

                        style={({ isActive }) => {

                            return {

                                backgroundColor: isActive ? "green" : "transparent"

                            }

                        }}

                        className="btn btn-primary" to="/service" >Service</NavLink>

                </div>

                <div className="btn">

                    <NavLink

                        style={({ isActive }) => {

                            return {

                                backgroundColor: isActive ? "green" : "transparent"

                            }

                        }}

                        className="btn btn-primary" to="/user" >User</NavLink>

                </div>

                <div className="btn">

                    <NavLink

                        style={({ isActive }) => {

                            return {

                                backgroundColor: isActive ? "green" : "transparent"

                            }

                        }}

                        className="btn btn-primary" to="/contact" >ContactUs</NavLink>

                </div>

            </div>

        </>

    )

}

export default Menu;

User.jsx

import React from "react";

import { useParams, useLocation } from "react-router-dom";

const User = () => {

    const params = useParams();

    const location = useLocation();

    console.log(location);

    return (

        <>

            <h1>Hi, This Is {params.fname} {params.lname} Page</h1>

            <br />

            <p>My Current Location Is {location.pathname}</p>

            {location.pathname === `/user/sagor/raihan` ? (<button onClick={() => {

                alert("Welcome")

            }}>Click Me</button>) : null}

        </>

    )

}

export default User;

About.jsx

import React from "react";

const About = (props) => {

    return (

        <>

            <h1>Hi, This Is My {props.name} Page</h1>

        </>

    )

}

export default About;

Service.jsx

import React from "react";

const Service = (props) => {

    return (

        <>

            <h1>Hi, This Is My {props.name} Page</h1>

        </>

    )

}

export default Service;

Contact.jsx

import React from "react";

const Contact = (props) => {

    return (

        <>

            <h1>Hi, This Is My {props.name} Page</h1>

        </>

    )

}

export default Contact;

index.css

\*

{

    box-sizing : border-box;

    margin : 0;

    padding : 0%;

    /\* background-color: blue; \*/

}

.main-div

{

    width: 100%;

    height: 10vh;

    display: flex;

    justify-content: center;

    flex-direction: row;

    align-items: center;

    background: #2ed573;

}

h1, p

{

 display: flex;

 justify-content: center;

 align-items: center;

 margin-top: 50px;

 font-family: "Berlin Sans FB Demi";

}

.btn

{

    border-radius: 5px;

    color:white;

    font-size: 1.2rem;

    letter-spacing: 2px;

    border: none;

    outline: none;

    margin-left: 20px;

    font-family: "Cooper Black";

}

button

{

 position: relative;

 left: 680px;

 background: #3498db;

 width: 180px;

 padding: 4px 0;

 border-radius: 3px;

 color:white;

 font-size: 1.2rem;

 letter-spacing: 2px;

 background-color: darken(#f1c40f, 20%);

}

# useNavigate Hook in React Router

Index.jsx

import React from 'react';

import ReactDOM from 'react-dom';

import "./index.css";

import App from './App';

import { BrowserRouter } from "react-router-dom";

ReactDOM.render(

    <BrowserRouter>

        <App />

    </BrowserRouter>,

    document.getElementById("root")

);

App.jsx

import React from "react";

import { Route, Routes } from "react-router-dom";

import About from "./About";

import Contact from "./Contact";

import Menu from "./Menu";

import Service from "./Service"

import User from "./User";

const App = () => {

    return (

        <>

            <Menu />

            <Routes>

                <Route path="/" element={<About name="About" />} />

                <Route path="/service" element={<Service name="Service" />} />

                <Route path="/contact" element={<Contact name="ContactUs" />} />

                <Route path="/user/:fname/:lname" element={<User />} />

            </Routes>

        </>

    )

}

export default App;

Menu.jsx

import React from "react";

import { Link, NavLink } from "react-router-dom";

const Menu = () => {

    return (

        <>

            <div className="main-div">

                <div className="btn">

                    <NavLink

                        style={({ isActive }) => {

                            return {

                                backgroundColor: isActive ? "green" : "transparent"

                            }

                        }}

                        className="btn btn-success" to="/" >AboutUs</NavLink>

                </div>

                <div className="btn">

                    <NavLink

                        style={({ isActive }) => {

                            return {

                                backgroundColor: isActive ? "green" : "transparent"

                            }

                        }}

                        className="btn btn-primary" to="/service" >Service</NavLink>

                </div>

                <div className="btn">

                    <NavLink

                        style={({ isActive }) => {

                            return {

                                backgroundColor: isActive ? "green" : "transparent"

                            }

                        }}

                        className="btn btn-success" to="/user" >User</NavLink>

                </div>

                <div className="btn">

                    <NavLink

                        style={({ isActive }) => {

                            return {

                                backgroundColor: isActive ? "green" : "transparent"

                            }

                        }}

                        className="btn btn-primary" to="/contact" >ContactUs</NavLink>

                </div>

            </div>

        </>

    )

}

export default Menu;

User.jsx

import React from "react";

import { useParams, useLocation, useNavigate } from "react-router-dom";

const User = () => {

    const params = useParams();

    const location = useLocation();

    const history = useNavigate();

    return (

        <>

            <h1>Hi, This Is {params.fname} {params.lname} Page</h1>

            <br />

            <p>My Current Location Is {location.pathname}</p>

            {location.pathname === `/user/sagor/raihan` ? (<button onClick={() => {

                history(-1)//goBack

            }}>Go Back</button>) : null}

            {location.pathname === `/user/sagor/raihan` ? (<button onClick={() => {

                history("/")//Homepage

            }}>Homepage</button>) : null}

        </>

    )

}

export default User;

About.jsx

import React from "react";

const About = (props) => {

    return (

        <>

            <h1>Hi, This Is My {props.name} Page</h1>

        </>

    )

}

export default About;

Service.jsx

import React from "react";

const Service = (props) => {

    return (

        <>

            <h1>Hi, This Is My {props.name} Page</h1>

        </>

    )

}

export default Service;

Contact.jsx

import React from "react";

const Contact = (props) => {

    return (

        <>

            <h1>Hi, This Is My {props.name} Page</h1>

        </>

    )

}

export default Contact;

insex.css

\*

{

    box-sizing : border-box;

    margin : 0;

    padding : 0%;

    /\* background-color: blue; \*/

}

.main-div

{

    width: 100%;

    height: 10vh;

    display: flex;

    justify-content: center;

    flex-direction: row;

    align-items: center;

    background: #2ed573;

}

h1, p

{

 display: flex;

 justify-content: center;

 align-items: center;

 margin-top: 50px;

 font-family: "Berlin Sans FB Demi";

}

.btn

{

    border-radius: 5px;

    color:white;

    font-size: 1.2rem;

    letter-spacing: 2px;

    border: none;

    outline: none;

    margin-left: 20px;

    font-family: "Cooper Black";

}

button

{

 position: relative;

 left: 580px;

 background: #3498db;

 width: 150px;

 margin-left: 20px;

 padding: 4px 0;

 border-radius: 3px;

 color:white;

 font-size: 1.2rem;

 letter-spacing: 2px;

 background-color: darken(#f1c40f, 20%);

}

# Live Search Filter using Hooks & Router

Index.js

import React from 'react';

import ReactDOM from 'react-dom';

import "./index.css";

import App from './App';

import { BrowserRouter } from "react-router-dom";

ReactDOM.render(

    <BrowserRouter>

        <App />

    </BrowserRouter>,

    document.getElementById("root")

);

App.jsx

import React from "react";

import { Route, Routes } from "react-router-dom";

import About from "./About";

import Contact from "./Contact";

import Menu from "./Menu";

import Service from "./Service"

import User from "./User";

import Search from "./Search";

const App = () => {

    return (

        <>

            <Menu />

            <Routes>

                <Route path="/" element={<About name="About" />} />

                <Route path="/service" element={<Service name="Service" />} />

                <Route path="/search" element={<Search />} />

                <Route path="/contact" element={<Contact name="ContactUs" />} />

                <Route path="/user/:fname/:lname" element={<User />} />

            </Routes>

        </>

    )

}

export default App;

Menu.jsx

import React from "react";

import { Link, NavLink } from "react-router-dom";

const Menu = () => {

    return (

        <>

            <div className="main-div">

                <div className="btn">

                    <NavLink

                        style={({ isActive }) => {

                            return {

                                backgroundColor: isActive ? "green" : "transparent"

                            }

                        }}

                        className="btn btn-success" to="/" >AboutUs</NavLink>

                </div>

                <div className="btn">

                    <NavLink

                        style={({ isActive }) => {

                            return {

                                backgroundColor: isActive ? "green" : "transparent"

                            }

                        }}

                        className="btn btn-primary" to="/service" >Service</NavLink>

                </div>

                <div className="btn">

                    <NavLink

                        style={({ isActive }) => {

                            return {

                                backgroundColor: isActive ? "green" : "transparent"

                            }

                        }}

                        className="btn btn-primary" to="/search" >Search</NavLink>

                </div>

                <div className="btn">

                    <NavLink

                        style={({ isActive }) => {

                            return {

                                backgroundColor: isActive ? "green" : "transparent"

                            }

                        }}

                        className="btn btn-success" to="/user" >User</NavLink>

                </div>

                <div className="btn">

                    <NavLink

                        style={({ isActive }) => {

                            return {

                                backgroundColor: isActive ? "green" : "transparent"

                            }

                        }}

                        className="btn btn-primary" to="/contact" >ContactUs</NavLink>

                </div>

            </div>

        </>

    )

}

export default Menu;

User.jsx

import React from "react";

import { useParams, useLocation, useNavigate } from "react-router-dom";

const User = () => {

    const params = useParams();

    const location = useLocation();

    const history = useNavigate();

    return (

        <>

            <h1>Hi, This Is {params.fname} {params.lname} Page</h1>

            <br />

            <p>My Current Location Is {location.pathname}</p>

            {location.pathname === `/user/sagor/raihan` ? (<button onClick={() => {

                history(-1)//goBack

            }}>Go Back</button>) : null}

            {location.pathname === `/user/sagor/raihan` ? (<button onClick={() => {

                history("/")//Homepage

            }}>Homepage</button>) : null}

        </>

    )

}

export default User;

Search.jsx

import React, { useState } from "react";

import Sresult from "./Sresult";

const Search = () => {

    const [img, setImg] = useState(" ");

    const inputEvent = (event) => {

        const data = event.target.value;

        console.log(data);

        setImg(data);

    }

    return (

        <>

            <div className="searchbar">

                <input type="text" placeholder="Search Anything" onChange={inputEvent} value={img} />

                {img === "" ? null : <Sresult name={img} />}

            </div>

        </>

    )

}

export default Search;

Sresult.jsx

import React from "react";

const Sresult = (props) => {

    const img = `https://source.unsplash.com/400x300/?${props.name}`;

    return (

        <>

            <div>

                <img src={img} alt="search" />

            </div>

        </>

    )

}

export default Sresult;

About.jsx

import React from "react";

const About = (props) => {

    return (

        <>

            <h1>Hi, This Is My {props.name} Page</h1>

        </>

    )

}

export default About;

Service.jsx

import React from "react";

const Service = (props) => {

    return (

        <>

            <h1>Hi, This Is My {props.name} Page</h1>

        </>

    )

}

export default Service;

Contact.jsx

import React from "react";

const Contact = (props) => {

    return (

        <>

            <h1>Hi, This Is My {props.name} Page</h1>

        </>

    )

}

export default Contact;

index.css

\*

{

    box-sizing : border-box;

    margin : 0;

    padding : 0%;

    /\* background-color: blue; \*/

}

.main-div

{

    width: 100%;

    height: 10vh;

    display: flex;

    justify-content: center;

    flex-direction: row;

    align-items: center;

    background: #2ed573;

}

h1, p

{

 display: flex;

 justify-content: center;

 align-items: center;

 margin-top: 50px;

 font-family: "Berlin Sans FB Demi";

}

.btn

{

    border-radius: 5px;

    color:white;

    font-size: 1.2rem;

    letter-spacing: 2px;

    border: none;

    outline: none;

    margin-left: 20px;

    font-family: "Cooper Black";

}

button

{

 position: relative;

 left: 580px;

 background: #3498db;

 width: 150px;

 margin-left: 20px;

 padding: 4px 0;

 border-radius: 3px;

 color:white;

 font-size: 1.2rem;

 letter-spacing: 2px;

 background-color: darken(#f1c40f, 20%);

}

.searchbar

{

    width: 50%;

    height: auto;

    margin: 0 auto;

    text-align: center;

}

.searchbar input

{

margin: 30px 0;

padding: 5px 10px;

border-radius: 5px;

font-family: source-code-pro, Menlo, Monaco, Consolas, "Courier New";

}

# Create React 404 Error Page Not Found using React Router

Index.js

import React from 'react';

import ReactDOM from 'react-dom';

import "./index.css";

import App from './App';

import { BrowserRouter } from "react-router-dom";

ReactDOM.render(

    <BrowserRouter>

        <App />

    </BrowserRouter>,

    document.getElementById("root")

);

App.jsx

import React from "react";

import { Route, Routes } from "react-router-dom";

import Home from "./Home";

import About from "./About";

import Contact from "./Contact";

import Menu from "./Menu";

import Error from "./Error";

const App = () => {

    return (

        <>

            <Menu />

            <Routes>

                <Route path="/" element={<Home name="Home" />} />

                <Route path="/about" element={<About name="About" />} />

                <Route path="/contact" element={<Contact name="Contact" />} />

                <Route path="\*" element={<Error name="404 page not found" />} />

            </Routes>

        </>

    )

}

export default App;

Menu.jsx

import React from "react";

import { Link, NavLink } from "react-router-dom";

const Menu = () => {

    return (

        <>

            <div className="main-div">

                <div className="btn">

                    <NavLink

                        style={({ isActive }) => {

                            return {

                                backgroundColor: isActive ? "green" : "transparent"

                            }

                        }}

                        className="btn btn-success" to="/" >Home</NavLink>

                </div>

                <div className="btn">

                    <NavLink

                        style={({ isActive }) => {

                            return {

                                backgroundColor: isActive ? "green" : "transparent"

                            }

                        }}

                        className="btn btn-primary" to="/about" >About</NavLink>

                </div>

                <div className="btn">

                    <NavLink

                        style={({ isActive }) => {

                            return {

                                backgroundColor: isActive ? "green" : "transparent"

                            }

                        }}

                        className="btn btn-primary" to="/contact" >ContactUs</NavLink>

                </div>

            </div>

        </>

    )

}

export default Menu;

Home.jsx

import React from "react";

const Home = (props) => {

    return (

        <>

            <h1>Hi, This Is My {props.name} Page</h1>

        </>

    )

}

export default Home;

Error.jsx

import React from "react";

import { NavLink } from "react-router-dom";

const Error = (props) => {

    return (

        <>

            <h1>{props.name}</h1>

            <p>Sorry This is doesn't exist</p>

            <div className="goback">

                <NavLink to="/">Go Back</NavLink>

            </div>

        </>

    )

}

export default Error;

About.jsx

import React from "react";

const About = (props) => {

    return (

        <>

            <h1>Hi, This Is My {props.name} Page</h1>

        </>

    )

}

export default About;

Contact.jsx

import React from "react";

const Contact = (props) => {

    return (

        <>

            <h1>Hi, This Is My {props.name} Page</h1>

        </>

    )

}

export default Contact;

index.css

\*

{

    box-sizing : border-box;

    margin : 0;

    padding : 0%;

    /\* background-color: blue; \*/

}

.main-div

{

    width: 100%;

    height: 10vh;

    display: flex;

    justify-content: center;

    flex-direction: row;

    align-items: center;

    background: #2ed573;

}

h1, p

{

 display: flex;

 justify-content: center;

 align-items: center;

 margin-top: 50px;

 font-family: "Berlin Sans FB Demi";

}

.btn

{

    border-radius: 5px;

    color:white;

    font-size: 1.2rem;

    letter-spacing: 2px;

    border: none;

    outline: none;

    margin-left: 20px;

    font-family: "Cooper Black";

}

button

{

 position: relative;

 left: 580px;

 background: #3498db;

 width: 150px;

 margin-left: 20px;

 padding: 4px 0;

 border-radius: 3px;

 color:white;

 font-size: 1.2rem;

 letter-spacing: 2px;

 background-color: darken(#f1c40f, 20%);

}

/\*.searchbar

{

    width: 50%;

    height: auto;

    margin: 0 auto;

    text-align: center;

}

.searchbar input

{

margin: 30px 0;

padding: 5px 10px;

border-radius: 5px;

font-family: source-code-pro, Menlo, Monaco, Consolas, "Courier New";

} \*/

.goback a

{

    text-decoration: none;

    color: aliceblue;

}

.goback

{

    border-radius: 5px;

    background-color: green;

    font-size: 1.2rem;

    letter-spacing: 2px;

    border: none;

    outline: none;

    font-family: "Cooper Black";

    height: 50px;

    width: 100px;

    display: flex;

    justify-content: center;

    align-items: center;

    position: absolute;

    left: 750px;

}

# Redirect in React Router | 404 Error Page Redirect to Homepage or Custom Page

Index.jsx

import React from 'react';

import ReactDOM from 'react-dom';

import "./index.css";

import App from './App';

import { BrowserRouter } from "react-router-dom";

ReactDOM.render(

    <BrowserRouter>

        <App />

    </BrowserRouter>,

    document.getElementById("root")

);

App.jsx

import React from "react";

import { Route, Routes, Navigate } from "react-router-dom";

import Home from "./Home";

import About from "./About";

import Contact from "./Contact";

import Menu from "./Menu";

import Error from "./Error";

const App = () => {

    return (

        <>

            <Menu />

            <Routes>

                <Route path="/" element={<Home name="Home" />} />

                <Route path="/about" element={<About name="About" />} />

                <Route path="/contact" element={<Contact name="Contact" />} />

                {/\*<Route path="\*" element={<Error name="404 page not found" />} />\*/}

                <Route path="\*" element={<Navigate to="/" />} /> {/\* ekhane Redirect er bodole eita use kora hoise for v6

                /path="\*"/ eitar mane amra antabri kisu jdi likhi saved page batito tahole /element={<Navigate to="/"/

                eitar mne seita home page e chole jbe />\*/}

            </Routes>

        </>

    )

}

export default App;

Menu.jsx

import React from "react";

import { Link, NavLink } from "react-router-dom";

const Menu = () => {

    return (

        <>

            <div className="main-div">

                <div className="btn">

                    <NavLink

                        style={({ isActive }) => {

                            return {

                                backgroundColor: isActive ? "green" : "transparent"

                            }

                        }}

                        className="btn btn-success" to="/" >Home</NavLink>

                </div>

                <div className="btn">

                    <NavLink

                        style={({ isActive }) => {

                            return {

                                backgroundColor: isActive ? "green" : "transparent"

                            }

                        }}

                        className="btn btn-primary" to="/about" >About</NavLink>

                </div>

                <div className="btn">

                    <NavLink

                        style={({ isActive }) => {

                            return {

                                backgroundColor: isActive ? "green" : "transparent"

                            }

                        }}

                        className="btn btn-primary" to="/contact" >ContactUs</NavLink>

                </div>

            </div>

        </>

    )

}

export default Menu;

Home.jsx

import React from "react";

const Home = (props) => {

    return (

        <>

            <h1>Hi, This Is My {props.name} Page</h1>

        </>

    )

}

export default Home;

About.jsx

import React from "react";

const About = (props) => {

    return (

        <>

            <h1>Hi, This Is My {props.name} Page</h1>

        </>

    )

}

export default About;

Contact.jsx

import React from "react";

const Contact = (props) => {

    return (

        <>

            <h1>Hi, This Is My {props.name} Page</h1>

        </>

    )

}

export default Contact;

index.css

\*

{

    box-sizing : border-box;

    margin : 0;

    padding : 0%;

    /\* background-color: blue; \*/

}

.main-div

{

    width: 100%;

    height: 10vh;

    display: flex;

    justify-content: center;

    flex-direction: row;

    align-items: center;

    background: #2ed573;

}

h1, p

{

 display: flex;

 justify-content: center;

 align-items: center;

 margin-top: 50px;

 font-family: "Berlin Sans FB Demi";

}

.btn

{

    border-radius: 5px;

    color:white;

    font-size: 1.2rem;

    letter-spacing: 2px;

    border: none;

    outline: none;

    margin-left: 20px;

    font-family: "Cooper Black";

}

button

{

 position: relative;

 left: 580px;

 background: #3498db;

 width: 150px;

 margin-left: 20px;

 padding: 4px 0;

 border-radius: 3px;

 color:white;

 font-size: 1.2rem;

 letter-spacing: 2px;

 background-color: darken(#f1c40f, 20%);

}

/\*.searchbar

{

    width: 50%;

    height: auto;

    margin: 0 auto;

    text-align: center;

}

.searchbar input

{

margin: 30px 0;

padding: 5px 10px;

border-radius: 5px;

font-family: source-code-pro, Menlo, Monaco, Consolas, "Courier New";

} \*/

.goback a

{

    text-decoration: none;

    color: aliceblue;

}

.goback

{

    border-radius: 5px;

    background-color: green;

    font-size: 1.2rem;

    letter-spacing: 2px;

    border: none;

    outline: none;

    font-family: "Cooper Black";

    height: 50px;

    width: 100px;

    display: flex;

    justify-content: center;

    align-items: center;

    position: absolute;

    left: 750px;

}

# How to Install and Use Bootstrap 5 in React

Index.js

import React from 'react';

import ReactDOM from 'react-dom';

import "./index.css";

import App from './App';

ReactDOM.render(

    <App />,

    document.getElementById("root")

);

App.jsx

import React from "react";

import "../node\_modules/bootstrap/dist/css/bootstrap.min.css";

const App = () => {

    return (

        <>

            <div className="main-div">

                <h1 className="text-center">Welcome</h1>

                <br />

                <div className="center-div">

                    <div className="card" style={{ width: "18rem" }}>

                        <img src="https://picsum.photos/seed/picsum/200/200" className="card-img-top" alt=" " />

                        <div className="card-body">

                            <h5 className="card-title">Card title</h5>

                            <p className="card-text">Some quick example.</p>

                            <a href="#" className="btn btn-outline-success">Go somewhere</a>

                        </div>

                    </div>

                    {/\*<button className="btn btn-outline-success">Welcome to our page</button>\*/}

                    <div className="card" style={{ width: "18rem" }}>

                        <img src="https://picsum.photos/200/200?grayscale" className="card-img-top" alt=" " />

                        <div className="card-body">

                            <p className="card-text">Some quick example.</p>

                            <a href="#" className="btn btn-outline-success">Go somewhere</a>

                        </div>

                    </div>

                    <div className="card" style={{ width: "18rem" }}>

                        <img src="https://picsum.photos/200/200?grayscale" className="card-img-top" alt=" " />

                        <div className="card-body">

                            <p className="card-text">Some quick example.</p>

                            <a href="#" className="btn btn-outline-success">Go somewhere</a>

                        </div>

                    </div>

                    <div className="card" style={{ width: "18rem" }}>

                        <img src="https://picsum.photos/seed/picsum/200/200" className="card-img-top" alt=" " />

                        <div className="card-body">

                            <h5 className="card-title">Card title</h5>

                            <p className="card-text">Some quick example.</p>

                            <a href="#" className="btn btn-outline-success">Go somewhere</a>

                        </div>

                    </div>

                </div>

            </div>

        </>

    )

}

export default App;

index.css

\*

{

    box-sizing : border-box;

    margin : 0;

    padding : 0%;

    /\* background-color: blue; \*/

}

.center-div

{

    display: flex;

    justify-content: center;

    align-items: center;

    flex-direction: row;

}

# Complete Responsive Animated Website using React JS

Index.js

import React from 'react';

import ReactDOM from 'react-dom';

import "./index.css"; //import “./index.scss”;

import App from './App';

import { BrowserRouter } from "react-router-dom"

ReactDOM.render(

    <>

        <BrowserRouter>

            <App />

        </BrowserRouter>

    </>,

    document.getElementById("root")

);

App.jsx

import React from "react";

import "../node\_modules/bootstrap/dist/css/bootstrap.min.css";

import "../node\_modules/bootstrap/dist/js/bootstrap.bundle";

import Home from "./Home";

import About from "./About";

import Service from "./Service";

import Contact from "./Contact";

import Navbar from "./Navbar";

import Footer from "./Footer";

import { Routes, Route, Navigate } from "react-router-dom";

const App = () => {

    return (

        <>

            <Navbar />

            <Routes>

                <Route path="/" element={<Home />} />

                <Route path="/about" element={<About />} />

                <Route path="/service" element={<Service />} />

                <Route path="/contact" element={<Contact />} />

                <Route path="\*" element={<Navigate to="/" />} />

            </Routes>

            <Footer />

        </>

    )

}

export default App;

Navbar.jsx

import React from "react";

import { NavLink } from "react-router-dom";

const Navbar = () => {

    return (

        <>

            <div className="container-fluid nav\_bg">

                <div className="row">

                    <div className="col-10 mx-auto">

                        <nav className="navbar navbar-expand-lg navbar-light bg-light">

                            <div className="container-fluid">

                                <a className="navbar-brand" href="#">SagorRaihan</a>

                                <button className="navbar-toggler"

                                    type="button"

                                    data-bs-toggle="collapse"

                                    data-bs-target="#navbarSupportedContent"

                                    aria-controls="navbarSupportedContent" aria-expanded="false"

                                    aria-label="Toggle navigation"

                                >

                                    <span className="navbar-toggler-icon"></span>

                                </button>

                                <div className="collapse navbar-collapse" id="navbarSupportedContent">

                                    <ul className="navbar-nav ms-auto mb-2 mb-lg-0">

                                        <li className="nav-item">

                                            <NavLink style={({ isActive }) => {

                                                return {

                                                    fontWeight: isActive ? "bold" : "none",

                                                    /\*backgroundColor: isActive ? "#565387" : "transparent"\*/

                                                    borderBottom: isActive ? "1px solid #565387" : "none"

                                                }

                                            }}

                                                className="nav-link" aria-current="page" to="/">Home</NavLink>

                                        </li>

                                        <li className="nav-item">

                                            <NavLink style={({ isActive }) => {

                                                return {

                                                    fontWeight: isActive ? "bold" : "none",

                                                    borderBottom: isActive ? "1px solid #565387" : "none"

                                                }

                                            }} className="nav-link" to="service">Services</NavLink>

                                        </li>

                                        <li className="nav-item">

                                            <NavLink style={({ isActive }) => {

                                                return {

                                                    fontWeight: isActive ? "bold" : "none",

                                                    borderBottom: isActive ? "1px solid #565387" : "none"

                                                }

                                            }} className="nav-link" to="/about">About</NavLink>

                                        </li>

                                        <li className="nav-item">

                                            <NavLink style={({ isActive }) => {

                                                return {

                                                    fontWeight: isActive ? "bold" : "none",

                                                    borderBottom: isActive ? "1px solid #565387" : "none"

                                                }

                                            }} className="nav-link" to="/contact">Contact</NavLink>

                                        </li>

                                    </ul>

                                </div>

                            </div>

                        </nav>

                    </div>

                </div>

            </div>

        </>

    )

}

export default Navbar;

Home.jsx

import React from "react";

import img from "../src/Images/superman3.png";

import Common from "./Common";

const Home = () => {

    return (

        <>

            <Common

                name="Welcome to Home page"

                imgsrc={img}

                visit="/service"

                btname="Get Started"

            />

        </>

    )

}

export default Home;

About.jsx

import React from "react";

import img from "../src/Images/about.png";

import Common from "./Common";

const About = () => {

    return (

        <>

            <Common

                name="Welcome to About page"

                imgsrc={img}

                visit="/contact"

                btname="Contact Now"

            />

        </>

    )

}

export default About;

Common.jsx

import React from "react";

import { NavLink } from "react-router-dom";

const Common = (props) => {

    return (

        <>

            <section id="header" className="d-flex align-items-center">

                <div className="container-fluid ">

                    <div calssName="row">

                        <div className="col-10 mx-auto">

                            <div className="row">

                                <div className="col-md-6 pt-lg-0 order-2 order-lg-1 d-flex justify-content-center flex-column">

                                    <h1>{props.name} <strong className="brand-name">SagorRaihan</strong></h1>

                                    <h2 className="my-3">We are the team of talented developer making websites</h2>

                                    <div className="mt-3">

                                        <NavLink to={props.visit} className="btn-get-started">{props.btname}</NavLink>

                                    </div>

                                </div>

                                <div className="col-lg-6 order-1 order-lg-2 header-img">

                                    <img src={props.imgsrc} className="img-fluid animated" alt="Commonimg" />

                                </div>

                            </div>

                        </div>

                    </div>

                </div>

            </section>

        </>

    )

}

export default Common;

Sdata.jsx

import web from "../src/Images/web.jpg";

import app from "../src/Images/app.jpg";

import android from "../src/Images/android.jpg";

import digital from "../src/Images/digital.jpg";

import marketing from "../src/Images/marketing.jpg";

import software from "../src/Images/software.jpg";

const Sdata = [

    {

        imgsrc: web,

        title: "Web Development",

    },

    {

        imgsrc: app,

        title: "App Development",

    },

    {

        imgsrc: software,

        title: "Software Development",

    },

    {

        imgsrc: digital,

        title: "Digital Marketing",

    },

    {

        imgsrc: android,

        title: "Android Development",

    },

    {

        imgsrc: marketing,

        title: "Marketing",

    },

]

export default Sdata;

Service.jsx

import React from "react";

import Card from "./Card";

import Sdata from "./Sdata";

const Service = () => {

    return (

        <>

            <div className="my-5">

                <h1 className="text-center">Our Services</h1>

            </div>

            <div className="container-fluid mb-5">

                <div className="row">

                    <div className="col-10 mx-auto">

                        <div className="row gy-4">

                            {

                                Sdata.map((value, index) => {

                                    return <Card

                                        key={index}

                                        imgsrc={value.imgsrc}

                                        title={value.title}

                                    />

                                })

                            }

                        </div>

                    </div>

                </div>

            </div>

        </>

    )

}

export default Service;

Card.jsx

import React from "react";

import { NavLink } from "react-router-dom";

const Card = (props) => {

    return (

        <>

            <div className="col-md-4 col-10 mx-auto">

                <div className="card">

                    <img src={props.imgsrc} className="card-img-top" alt={props.imgsrc} />

                    <div className="card-body">

                        <h5 className="card-title font-weight-bold">{props.title}</h5>

                        <p className="card-text">Some quick example text to build on the card title and make up the bulk of the card's content.</p>

                        <NavLink to=" " className="btn btn-primary">Go somewhere</NavLink>

                    </div>

                </div>

            </div>

        </>

    )

}

export default Card;

Contact.jsx

import React, { useState } from "react";

const Contact = () => {

    const [data, setData] = useState({

        fullname: " ",

        phone: " ",

        email: " ",

        msg: " ",

    });

    const formSubmit = (e) => {

        e.preventDefault();

        alert

            (`

        My name is : ${data.fullname}

        My phone number is : ${data.phone}

        My email is : ${data.email}

        Here is what i want to say : ${data.msg}`

            );

    }

    const inputEvent = (event) => {

        const { name, value } = event.target;

        setData((preValue) => {

            return {

                ...preValue,

                [name]: value,

            }

        }

        )

    }

    return (

        <>

            <div className="my-5">

                <h1 className="text-center">Contact Us</h1>

            </div>

            <div className="container contact\_div">

                <div className="row">

                    <div className="col-md-6 col-10 mx-auto">

                        <form onSubmit={formSubmit}>

                            <div class="mb-3">

                                <label for="exampleFormControlInput1" class="form-label">FullName</label>

                                <input type="text"

                                    class="form-control"

                                    id="exampleFormControlInput1"

                                    name="fullname"

                                    value={data.fullname}

                                    onChange={inputEvent}

                                    placeholder="Enter your name" />

                            </div>

                            <div class="mb-3">

                                <label for="exampleFormControlInput1" class="form-label">Phone</label>

                                <input

                                    type="number"

                                    class="form-control"

                                    id="exampleFormControlInput1"

                                    name="phone"

                                    value={data.phone}

                                    onChange={inputEvent}

                                    placeholder="mobile number" />

                            </div>

                            <div class="mb-3">

                                <label for="exampleFormControlInput1" class="form-label">Email address</label>

                                <input

                                    type="email"

                                    class="form-control"

                                    id="exampleFormControlInput1"

                                    name="email"

                                    value={data.email}

                                    onChange={inputEvent}

                                    placeholder="name@example.com" />

                            </div>

                            <div class="mb-3">

                                <label for="exampleFormControlTextarea1" class="form-label">Message</label>

                                <textarea

                                    class="form-control"

                                    id="exampleFormControlTextarea1"

                                    name="msg"

                                    value={data.msg}

                                    onChange={inputEvent}

                                    rows="3"></textarea>

                            </div>

                            <div class="col-12">

                                <button class="btn btn-outline-primary" type="submit">Submit form</button>

                            </div>

                        </form>

                    </div>

                </div>

            </div>

        </>

    )

}

export default Contact;

Footer.jsx

import React from "react";

const Footer = () => {

    return (

        <>

            <footer className="bg-light text-center">

                <p>© 2020 SagorRaihan. All Rights Reserved | Terms & Conditions</p>

            </footer>

        </>

    )

}

export default Footer;

index.css

@import url("https://fonts.googleapis.com/css2?family=Muli&display=swap");

\*

{

    box-sizing : border-box;

    margin : 0;

    padding : 0%;

    font-family: "Mulish", sans-serif;;

}

.navbar

{

 background-color: #fff !important;

}

.navbar-brand

{

    font-size: 1.9rem !important;

    color: #565387 !important;

}

.navbar a

{

    font-size: 1.3rem;

    text-transform: capitalize;

}

.navbar a:hover

{

    color: #3498db !important;

}

#header

{

    width: 100%;

    height: 80vh;

    margin-top: 70px;

    /\*background-color: yellow;\*/

}

#header h1

{

    margin: 0 0 10px 0;

    font-size: 48px;

    font-weight: 700px;

    color: black;

    /\*background-color: blue;\*/

}

#header .brand-name

{

    color: #3498db;

}

#header h2

{

    font-size: 24px;

    color: #242424;

    /\*background-color: blue;\*/

}

#header .btn-get-started

{

    font-weight: 500;

    font-size: 16px;

    letter-spacing: 1px;

    display: inline-block;

    padding: 10px 30px;

    border-radius: 50px;

    transition: 0.5s;

    color: #3498db;

    border: 2px solid #3498db;

    text-decoration: none;

}

#header .btn-get-started:hover

{

   background-color: #3498db;

   color: #fff;

}

.header-img

{

    text-align: right;

    /\* background-color: black; \*/

}

.img-fluid

{

    position: absolute;

    max-height: 500px;

    right:100px;

    top: 110px;

}

#header .animated

{

    animation: up-down 2s ease-in-out infinite alternate-reverse both;

}

@keyframes up-down

{

    0%

    {

        transform: translateY(10px);

    }

    100%

    {

        transform: translateY(-10px);

    }

}

footer

{

    margin-top: 65px;

}

/\*@-webkit-keyframes up-down

{

    0%

    {

        transform: translateY(10px);

    }

    100%

    {

        transform: translateY(-10px);

    }

/ responsive code /

@media (max-width: 99px)

{

    #header

    {

        height: 80vh;

        text-align: center;

    }

    #header .header-img

    {

    text-align: center;

    }

    #header .header-img img

    {

    width: 60%

    }

}

@media (max-width: 768px)

{

    #header

    {

        margin-top: 20px;

    }

    #header h1

    {

    font-size: 20px;

    }

    #header h2

    {

    font-size: 18px;

    margin-bottom: 30px;

    }

    #header .header-img img

    {

    width: 70%

    }

}\*/

Index.scss

@import url("https://fonts.googleapis.com/css2?family=Muli&display=swap");

@import "../src/sass/variables.scss";

\*

{

    box-sizing : border-box;

    margin : 0;

    padding : 0%;

    font-family: "Mulish", sans-serif;;

}

.navbar

{

 background-color: #fff !important;

 .navbar-brand

{

    font-size: 1.9rem !important;

    color: $brand-clr !important;

}

& a

{

    font-size: 1.3rem;

    text-transform: capitalize;

}

& a:hover

{

    color: #3498db !important;

}

}

#header

{

    width: 100%;

    height: 80vh;

    margin-top: 70px;

    /\*background-color: yellow;\*/

}

#header h1

{

    margin: 0 0 10px 0;

    font-size: 48px;

    font-weight: 700px;

    color: black;

    /\*background-color: blue;\*/

}

#header .brand-name

{

    color: #3498db;

}

#header h2

{

    font-size: 24px;

    color: #242424;

    /\*background-color: blue;\*/

}

#header .btn-get-started

{

    font-weight: 500;

    font-size: 16px;

    letter-spacing: 1px;

    display: inline-block;

    padding: 10px 30px;

    border-radius: 50px;

    transition: 0.5s;

    color: #3498db;

    border: 2px solid #3498db;

    text-decoration: none;

}

#header .btn-get-started:hover

{

   background-color: #3498db;

   color: #fff;

}

.header-img

{

    text-align: right;

    /\* background-color: black; \*/

}

.img-fluid

{

    position: absolute;

    max-height: 500px;

    right:100px;

    top: 110px;

}

#header .animated

{

    animation: up-down 2s ease-in-out infinite alternate-reverse both;

}

@keyframes up-down

{

    0%

    {

        transform: translateY(10px);

    }

    100%

    {

        transform: translateY(-10px);

    }

}

footer

{

    margin-top: 65px;

}

/\*@-webkit-keyframes up-down

{

    0%

    {

        transform: translateY(10px);

    }

    100%

    {

        transform: translateY(-10px);

    }

/ responsive code /

@media (max-width: 99px)

{

    #header

    {

        height: 80vh;

        text-align: center;

    }

    #header .header-img

    {

    text-align: center;

    }

    #header .header-img img

    {

    width: 60%

    }

}

@media (max-width: 768px)

{

    #header

    {

        margin-top: 20px;

    }

    #header h1

    {

    font-size: 20px;

    }

    #header h2

    {

    font-size: 18px;

    margin-bottom: 30px;

    }

    #header .header-img img

    {

    width: 70%

    }

}\*/

src/sass/variables.scss

$brand-clr: #565387;

# Complete SASS & SCSS Tutorial for Beginners

Index.js

import React from "react";

import ReactDOM from "react-dom";

import "./index.scss";

import App from "./App";

ReactDOM.render(

    <App />,

    document.getElementById("root")

);

App.jsx

import React from "react";

const App = () => {

    return (

        <>

            <header className="main-header">

                <h1>Welcome To Our </h1>

                <p>Plz Like Our Page</p>

            </header>

        </>

    )

}

export default App;

index.scss

@import "../src/sass/mixin.scss";

@import "../src/sass/variables.scss";

\*

{

   margin: 0;

   padding: 0;

   box-sizing: border-box;

   //background-color: #f4d4e3;

}

// 1) Operators

// 2) Variables

// 3) Nesting

// 4) Mixin & Include

// 5) Parameters

// 6) Partials

//$bg-clr: #10ac84;

/\* @mixin flexprops // mixin

{

   display: flex;

   justify-content: center;

   align-items: center;

   flex-direction: column;

}

\*/

/\* @mixin sizing($x, $y) // parameters

{

   color: #222f3e;

   font-size: 2.5rem + 2.5rem; // operators

   letter-spacing: $x;

   text-transform: $y;

}

\*/

.main-header

{

   @include flexprops; // include

   width: 100vw;

   height: 100vh;

   background-color: $bg-clr; // variables

   & h1  // or .main-header h1 // nesting

   {

      @include sizing(1rem, uppercase); // parameters

    &:hover // h1:hover // call this nesting

    {

     color: #c8d6e5;

    }

    &::after

    {

       content: "Page";

    }

   }

   & p // .main-header p // nesting

   {

      @include sizing(.5rem, capitalize); // parameters

    &:hover // or p:hover // call this nesting

    {

     color: #c8d6e5;

    }

   }

}

../src/scss/variables.scss

$bg-clr: #10ac84;

../src/scss/mixin.scss

@mixin flexprops

{

   display: flex;

   justify-content: center;

   align-items: center;

   flex-direction: column;

}

@mixin sizing($x, $y)

{

   color: #222f3e;

   font-size: 2.5rem + 2.5rem;

   letter-spacing: $x;

   text-transform: $y;

}

# Create Live Search Weather App using React

Index.js

import React from 'react';

import ReactDOM from 'react-dom';

import './index.css';

import App from './App';

ReactDOM.render(

  <>

    <App />

  </>,

  document.getElementById('root')

);

App.jsx

import React from "react"

import './App.css';

import Tempapp from "./components/Tempapp";

function App() {

  return (

    <>

      <Tempapp />

    </>

  );

}

export default App;

Tempapp.jsx

import React, { useEffect, useState } from "react";

import "./css/style.css";

const Tempapp = () => {

    const [city, setCity] = useState(null);

    const [search, setSearch] = useState();

    useEffect(() => {

        const fetchApi = async () => {

            const url = `https://api.openweathermap.org/data/2.5/weather?q=${search}&units=metric&appid= 9f4d07b6d78b9c25a119aa57f813b9af`;

            const response = await fetch(url);

            const resJson = await response.json();

            //console.log(resJson);

            setCity(resJson.main);

        }

        fetchApi()

    }, [])

    return (

        <>

            <div className="box">

                <div className="inputData">

                    <input

                        className="inputField"

                        type="search"

                        onChange={(event) => {

                            setSearch(event.target.value);

                        }}

                    />

                </div>

                {

                    !city ? (

                        <p>No Data Found</p>

                    ) :

                        (

                            <div>

                                <div className="info">

                                    <h2 className="location">

                                        <i className="fa-solid fa-street-view">{search}</i>

                                    </h2>

                                    <h1 className="temp">

                                        {city.main.temp}

                                    </h1>

                                    <h3 className="tempmin\_max">

                                        Min : {city.main.temp\_min}°C | Max : {city.main.temp\_max}°C

                                    </h3>

                                </div>

                            </div>

                        )}

            </div>

            <div className="wave -one">

            </div>

            <div className="wave -two">

            </div>

            <div className="wave -three">

            </div>

        </>

    )

}

export default Tempapp;

style.css

@import url('https://fonts.googleapis.com/css2?family=Quicksand:wght@300&display=swap');

\* {

margin: 0;

padding: 0;

font-family: "Quicksand", sans-serif;

}

body {

background: #f3f2ef;

display: flex;

justify-content: center;

align-items: center;

flex-wrap: wrap;

height: 100vh;

width: 100vw;

}

html,body {

font-size: 62.5%;

height: 100%;

}

html {

background: #eee;

}

.box {

width: 20vw;

height: 60vh;

border-radius: 0.5rem;

box-shadow: 0 0.2rem 3rem rgba(0, 0, 0, 0.2);

background: #a5bbdd;

position: relative;

overflow: hidden;

transform: translate3d(0, 0, 0);

min-width: 20rem;

min-height: 35rem;

}

.wave\_one {

opacity: 0.3;

position: absolute;

top: 110%;

left: 50%;

background: #fff;

width: 50rem;

height: 50rem;

margin-left: -25rem;

margin-top: -25rem;

transform-origin: 50% 48%;

border-radius: 43%;

animation: drift 3000ms infinite linear;

z-index: 1;

}

.wave\_two {

animation: drift 7000ms infinite linear;

opacity: 0.2;

z-index: 3 !important;

position: absolute;

top: 110%;

left: 50%;

background: #fff;

width: 50rem;

height: 50rem;

margin-left: -25rem;

margin-top: -25rem;

transform-origin: 50% 48%;

border-radius: 43%;

}

.wave\_three {

animation: drift 5000ms infinite linear;

z-index: 2 !important;

opacity: 0.1;

position: absolute;

top: 110%;

left: 50%;

background: #fff;

width: 50rem;

height: 50rem;

margin-left: -25rem;

margin-top: -25rem;

transform-origin: 50% 48%;

border-radius: 43%;

}

.box::after {

content: "";

display: block;

left: 0;

top: 0;

width: 100%;

height: 100%;

z-index: 11;

transform: translate3d(0, 0, 0);

}

@keyframes drift {

from {

transform: rotate(0deg);

}

to {

transform: rotate(360deg);

}

}

.info {

position:absolute;

bottom: 0;

width: 100%;

height: 45%;

z-index: 4;

}

.location {

margin-top:1.5rem;

text-align: center;

font-weight: 800;

font-size: 3rem;

font-weight: 600;

}

.fa-street-view {

animation: rotates 3s linear infinite alternate;

}

@keyframes rotates {

from {

transform: translateX(-0.5rem);

}

to {

transform: translateX(0.5rem);

}

}

#date {

text-align: center;

margin-top: 0.5rem;

color: #57606f;

font-size: 1.5rem;

font-weight: 300;

text-transform: uppercase;

}

.temp {

margin-top: 2.5rem;

text-align: center;

font-size: 3rem;

}

.tempmin\_max {

text-align: center;

margin-top: 0.3rem;

font-weight: 300;

font-size: 1.5rem;

color: #57606f;

}

#weathercon {

height: 55%;

display: flex;

justify-content: center;

align-items: center;

font-size: 3rem;

}

#weathercon .fas {

font-size: 6rem;

animation: fas-anime 3s linear infinite alternate;

}

@keyframes fas-anime {

from {

transform: scale(1.1);

}

to {

transform: scale(1.5)

}

}

@media (max-width: 600px) {

.box {

width: 90vw;

height: 80vh;

}

.wave {

top: 85%;

}

#weathercon {

font-size: 5em;

}

.info {

font-size: 1.5em;

}

}

@media (max-height: 500px) {

.box {

height: 80vh;

}

.wave {

top: 115%;

}

}

body > span {

width: 100vw;

text-align: center;

color: grey;

}

.inputData {

width: 100%;

height: 10vh;

display: flex;

justify-content: center;

align-items: center;

}

.inputField {

width: 50%;

margin: auto;

border-radius: 5rem;

padding: 1rem 1rem;

outline: none;

font-size: 1.5rem;

}

.errorMsg {

text-align: center;

font-size: 2rem;

margin: 2rem auto;

}

index.html

<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="utf-8" />

  <link rel="icon" href="%PUBLIC\_URL%/favicon.ico" />

  <meta name="viewport" content="width=device-width, initial-scale=1" />

  <meta name="theme-color" content="#000000" />

  <meta name="description" content="Web site created using create-react-app" />

  <link rel="apple-touch-icon" href="%PUBLIC\_URL%/logo192.png" />

  <!--

      manifest.json provides metadata used when your web app is installed on a

      user's mobile device or desktop. See https://developers.google.com/web/fundamentals/web-app-manifest/

    -->

  <link rel="manifest" href="%PUBLIC\_URL%/manifest.json" />

  <!--

      Notice the use of %PUBLIC\_URL% in the tags above.

      It will be replaced with the URL of the `public` folder during the build.

      Only files inside the `public` folder can be referenced from the HTML.

      Unlike "/favicon.ico" or "favicon.ico", "%PUBLIC\_URL%/favicon.ico" will

      work correctly both with client-side routing and a non-root public URL.

      Learn how to configure a non-root public URL by running `npm run build`.

    -->

  <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/5.1.0-10/css/all.css"

    integrity="sha512-Dj9pt3sZROOuTTs9S89ykGZeu1XQgWKg3DVpu5tZALApsrWdd3tnVjTclUuVONaHM4O8GgCnjSbHlTKXrd2OWg=="

    crossorigin="anonymous" referrerpolicy="no-referrer" />

  <link href="https://fonts.googleapis.com/css2?family=Jost:wght@300&family=Mulish:wght@300&display=swap"

    rel="stylesheet">

  <script src="https://kit.fontawesome.com/ca7ccab497.js" crossorigin="anonymous"></script>

  <title>React App</title>

</head>

<body>

  <noscript>You need to enable JavaScript to run this app.</noscript>

  <div id="root"></div>

  <!--

      This HTML file is a template.

      If you open it directly in the browser, you will see an empty page.

      You can add webfonts, meta tags, or analytics to this file.

      The build step will place the bundled scripts into the <body> tag.

      To begin the development, run `npm start` or `yarn start`.

      To create a production bundle, use `npm run build` or `yarn build`.

    -->

</body>

</html>

# Build Awesome Todo App With REACT Using Hooks in 2021

Index.js

import React from 'react';

import ReactDOM from 'react-dom';

//import “./index.scss”;

import Todo from "./Todo";

ReactDOM.render(

    <>

        <>

            <Todo />

        </>

    </>,

    document.getElementById("root")

);

Todo.jsx

import React, { useState } from 'react'

import todo from "../src/Images/todo4.png";

import "./todo.css";

import AddIcon from '@mui/icons-material/Add';

import DeleteIcon from '@mui/icons-material/Delete';

const Todo = () => {

    const [inputData, setInputData] = useState(" ");

    const [items, setItems] = useState([]);

    const addItem = () => {

        if (!inputData) {

        }

        else {

            setItems([...items, inputData]);

            setInputData(" ");

        }

    }

    const deleteItem = (id) => {

        const upadateItems = items.filter((elemts, ind) => {

            return ind != id;

        })

        setItems(upadateItems);

    }

    const removeAll = (id) => {

        setItems([]);

    }

    return (

        <>

            <div className="main-div">

                <div className="child-div">

                    <figure>

                        <img src={todo} alt="todologo" />

                        <figcaption>Add Your List Here✌️</figcaption>

                    </figure>

                    <div className="addItems">

                        <input

                            type="text"

                            placeholder="✍️Add Items..."

                            value={inputData}

                            onChange={(event) => {

                                setInputData(event.target.value);

                            }}

                        />

                        {/\* <button className="add btn" title="Add Item" onClick={addItem}>+</button> \*/}

                        {/\* <i className="fa-solid fa-plus add-btn" title="Add Item" onClick={addItem}></i> \*/}

                        <AddIcon className="add-btn" onClick={addItem} />

                    </div>

                    <div className="showItems">

                        {

                            items.map((elements, index) => {

                                return (

                                    <div className="eachItem" key={index}>

                                        <h3>{elements}</h3>

                                        {/\* <i class="fa-solid fa-trash-can add-btn" title="Delete Item" onClick={() => deleteItem(index)} /> \*/}

                                        <DeleteIcon className="add-btn" onClick={() => deleteItem(index)} />

                                    </div>

                                )

                            })

                        }

                    </div>

                    {/\* Clear All Button\*/}

                    <div className="showItems">

                        <button className="btn effect04" data-sm-link-text="Remove All" onClick={removeAll}><span>CHECK LIST</span></button>

                    </div>

                </div>

            </div>

        </>

    )

}

export default Todo;

todo.css

@import url("https://fonts.googleapis.com/css2?family=Source+Sans+Pro:wght@300&display=swap");

\*

{

  margin: 0;

  padding: 0;

  box-sizing: border-box;

  font-family: "Source Sans Pro", sans-serif;

}

html

{

  font-size: /\* 62.5% \*/ 10px;

}

.main-div

{

  min-height: 100vh;

  background:/\* #060822 \*/ red;

  display: flex;

  justify-content: center;

  /\* align-items: center; \*/

}

.child-div

{

  text-align: center;

  margin-top: 12rem;

  background-color: orange;

  width: 41.5rem;

}

.child-div figure img

{

  width: 10rem;

  height: 8rem;

}

.child-div figure figcaption

{

  color: #fff;

  font-size: 2.2rem;

  padding-top: 2rem;

  text-transform: capitalize;

  background-color: #16a085;

}

input

{

  /\* display: block; \*/

  min-width: 40rem;

  height: 3.4rem;

  padding: 2rem 1.2rem;

  font-size: 1.8rem;

  margin-top: 2rem;

  color: rgb(58, 57, 57);

  background-color: #fff;

  background-image: none;

  border: 0.1rem solid #ccc;

  border-radius: 0.4rem;

  -webkit-box-shadow: inset 0 0.1rem 0.1rem rgb(0 0 0 / 8%);

  box-shadow: inset 0 0.1rem 0.1rem rgb(0 0 0 / 8%);

  transition: border-color ease-in-out 0.15s, box-shadow ease-in-out 0.15s;

}

input,

input:focus,

input:active,

input:active:focus

{

  border: none;

  padding: 2.3rem 1.5rem;

  outline: none;

}

input

{

  -webkit-box-shadow: none;

  box-shadow: none;

  -webkit-transition: all 0.2s linear;

  transition: all 0.2s linear;

}

input:focus

{

  -webkit-box-shadow: 0 0 1.5rem rgba(0, 0, 0, 0.2);

  box-shadow: 0 0 1.5rem rgba(0, 0, 0, 0.2);

}

/\*  Please Subscribe to ThapaTechnical Youtube Channel

/\* Click Here: https://www.youtube.com/thapatechnical  \*/

.todo-btn

{

  width: 5rem;

  display: flex;

  justify-content: space-around;

}

.fa

{

  margin-left: -2.5rem;

  cursor: pointer;

  pointer-events: auto;

  z-index: 10;

  background-color: #fff;

  background-image: none;

  color: #666;

  -webkit-transition: color 0.15s linear;

  transition: color 0.15s linear;

  font-size: 2rem;

}

.fa:hover

{

  color: rgb(47, 214, 122);

}

.fa-plus:before

{

  content: "\f067";

  font-size: 1.5rem;

}

.showItems

{

  margin-top: 3rem;

  text-align: center;

}

.eachItem

{

  background: #fff;

  padding: 1.2rem 1rem;

  border-radius: 0.5rem;

  margin-bottom: 0.7rem;

  margin-left: 1rem;

  min-width: 40rem;

  word-break: break-word;

  background: rgb(85, 41, 220);

  display: flex;

  justify-content: space-between;

  align-items: center;

}

.eachItem:hover

{

  background: rgb(249, 249, 252);

  color: rgb(85, 41, 220);

}

.showItems .eachItem h3

{

  padding-left: 1rem;

  font-size: 1.6rem;

  color: #fff;

}

.fa-trash-alt,

.fa-edit

{

  /\* margin-left: -2.5rem; \*/

  cursor: pointer;

  pointer-events: auto;

  z-index: 10;

  color: rgb(251, 251, 251);

  -webkit-transition: color 0.15s linear;

  transition: color 0.15s linear;

  font-size: 2rem;

}

.addItems .fa-edit

{

  color: rgb(47, 214, 122);

}

.fa-edit

{

  margin-left: -3.5rem;

}

/\*  Please Subscribe to ThapaTechnical Youtube Channel

/\* Click Here: https://www.youtube.com/thapatechnical  \*/

.eachItem:hover .fa-trash-alt

{

  color: rgb(214, 47, 61);

}

.eachItem:hover .fa-edit

{

  color: rgb(100, 214, 47);

}

.eachItem:hover h3

{

  color: rgb(85, 41, 220);

}

.btn

{

  letter-spacing: 0.1em;

  cursor: pointer;

  font-size: 14px;

  font-weight: 400;

  line-height: 45px;

  max-width: 160px;

  position: relative;

  text-decoration: none;

  text-transform: uppercase;

  width: 100%;

}

.btn:hover

{

  text-decoration: none;

}

.addbtn, .dltbtn

{

  margin-left: -2.5rem;

  cursor: pointer;

  pointer-events: auto;

  z-index: 10;

  background-color: #fff;

  background-image: none;

  color: #666;

  -webkit-transition: color 0.15s linear;

  transition: color 0.15s linear;

  font-size: 2rem;

    /\*

    min-width: 50px;

    min-height: 50px;

    background-color: #16a085 !important;

    color: white !important;

    box-shadow: 5px 5px 15px -5px rgba(0, 0, 0, 0.3);

    border-radius: 50% !important;

    cursor: pointer !important;

    \*/

}

.addbtn:hover, .dltbtn:hover

{

    color: #16a085 !important;

    background: #fff !important;

}

.effect04

{

  --uismLinkDisplay: var(--smLinkDisplay, inline-flex);

  display: var(--uismLinkDisplay);

  color: #000;

  outline: solid 2px #000;

  position: relative;

  transition-duration: 0.4s;

  overflow: hidden;

}

.effect04::before,

.effect04 span

{

  margin: 0 auto;

  transition-timing-function: cubic-bezier(0.86, 0, 0.07, 1);

  transition-duration: 0.4s;

}

.effect04:hover

{

  background-color: rgb(85, 41, 220);

}

.effect04:hover span

{

  -webkit-transform: translateY(-400%) scale(-0.1, 20);

  transform: translateY(-400%) scale(-0.1, 20);

}

.effect04::before

{

  content: attr(data-sm-link-text);

  color: #fff;

  position: absolute;

  left: 0;

  right: 0;

  margin: auto;

  -webkit-transform: translateY(500%) scale(-0.1, 20);

  transform: translateY(500%) scale(-0.1, 20);

}

.effect04:hover::before

{

  letter-spacing: 0.05em;

  -webkit-transform: translateY(0) scale(1, 1);

  transform: translateY(0) scale(1, 1);

}

# Updated TODO LIST App with Add, Delete, Edit, LocalStorage using React

Index.js

import React from 'react';

import ReactDOM from 'react-dom';

//import “./index.scss”;

import Todo from "./Todo";

ReactDOM.render(

    <>

        <>

            <Todo />

        </>

    </>,

    document.getElementById("root")

);

Todo.jsx

import React, { useState, useEffect } from 'react'

import todo from "../src/Images/todo4.png";

import "./todo.css";

// to get the data from LS

const getLocalItmes = () => {

    let list = localStorage.getItem('lists');

    console.log(list);

    if (list) {

        return JSON.parse(localStorage.getItem('lists'));

    } else {

        return [];

    }

}

const Todo = () => {

    const [inputData, setInputData] = useState('');

    const [items, setItems] = useState(getLocalItmes());

    const [toggleSubmit, setToggleSubmit] = useState(true);

    const [isEditItem, setIsEditItem] = useState(null);

    const addItem = () => {

        if (!inputData) {

            alert('plzz fill data');

        } else if (inputData && !toggleSubmit) {

            setItems(

                items.map((elem) => {

                    if (elem.id === isEditItem) {

                        return { ...elem, name: inputData }

                    }

                    return elem;

                })

            )

            setToggleSubmit(true);

            setInputData('');

            setIsEditItem(null);

        } else {

            const allInputData = { id: new Date().getTime().toString(), name: inputData }

            setItems([...items, allInputData]);

            setInputData('')

        }

    }

    // delete the items

    const deleteItem = (index) => {

        const updateditems = items.filter((elem) => {

            return index !== elem.id;

        });

        setItems(updateditems);

    }

    // edit the item

    //     When user clikc on edit button

    // 1: get the id and name of the data which user clicked to edit

    // 2: set the toggle mode to change the submit button into edit button

    // 3: Now update the value of the setInput with the new updated value to edit.

    // 4: To pass the current element Id to new state variable for reference

    const editItem = (id) => {

        let newEditItem = items.find((elem) => {

            return elem.id === id

        });

        console.log(newEditItem);

        setToggleSubmit(false);

        setInputData(newEditItem.name);

        setIsEditItem(id);

    }

    // remove all

    const removeAll = () => {

        setItems([]);

    }

    // add data to localStorage

    useEffect(() => {

        localStorage.setItem('lists', JSON.stringify(items))

    }, [items]);

    return (

        <>

            <div className="main-div">

                <div className="child-div">

                    <figure>

                        <img src={todo} alt="todologo" />

                        <figcaption>Add Your List Here ✌</figcaption>

                    </figure>

                    <div className="addItems">

                        <input type="text" placeholder="✍ Add Items..."

                            value={inputData}

                            onChange={(e) => setInputData(e.target.value)}

                        />

                        {

                            toggleSubmit ? <i className="fa fa-plus add-btn" title="Add Item" onClick={addItem}></i> :

                                <i className="far fa-edit add-btn" title="Update Item" onClick={addItem}></i>

                        }

                    </div>

                    <div className="showItems">

                        {

                            items.map((elem) => {

                                return (

                                    <div className="eachItem" key={elem.id}>

                                        <h3>{elem.name}</h3>

                                        <div className="todo-btn">

                                            <i className="far fa-edit add-btn" title="Edit Item" onClick={() => editItem(elem.id)}></i>

                                            <i className="far fa-trash-alt add-btn" title="Delete Item" onClick={() => deleteItem(elem.id)}></i>

                                        </div>

                                    </div>

                                )

                            })

                        }

                    </div>

                    {/\* clear all button  \*/}

                    <div className="showItems">

                        <button className="btn effect04" data-sm-link-text="Remove All" onClick={removeAll}><span> CHECK LIST </span> </button>

                    </div>

                </div>

            </div>

        </>

    )

}

export default Todo;

 //TODO Please Subscribe to ThapaTechnical Youtube Channel

 //TODO Click Here: https://www.youtube.com/thapatechnical

todo.css

@import url("https://fonts.googleapis.com/css2?family=Source+Sans+Pro:wght@300&display=swap");

\* {

  margin: 0;

  padding: 0;

  box-sizing: border-box;

  font-family: "Source Sans Pro", sans-serif;

}

html {

  font-size: 62.5%;

}

.main-div {

  min-height: 100vh;

  background: #060822;

  display: flex;

  justify-content: center;

  /\* align-items: center; \*/

}

.child-div {

  text-align: center;

  margin-top: 12rem;

}

.child-div figure img {

  width: 10rem;

  height: 8rem;

}

.child-div figure figcaption {

  color: #fff;

  font-size: 2.2rem;

  padding-top: 2rem;

  text-transform: capitalize;

}

input {

  /\* display: block; \*/

  min-width: 40rem;

  height: 3.4rem;

  padding: 2rem 1.2rem;

  font-size: 1.8rem;

  line-height: 1.42857143;

  margin-top: 2rem;

  color: rgb(58, 57, 57);

  background-color: #fff;

  background-image: none;

  border: 0.1rem solid #ccc;

  border-radius: 0.4rem;

  -webkit-box-shadow: inset 0 0.1rem 0.1rem rgb(0 0 0 / 8%);

  box-shadow: inset 0 0.1rem 0.1rem rgb(0 0 0 / 8%);

  transition: border-color ease-in-out 0.15s, box-shadow ease-in-out 0.15s;

}

input,

input:focus,

input:active,

input:active:focus {

  border: none;

  padding: 2.3rem 1.5rem;

  outline: none;

}

input {

  -webkit-box-shadow: none;

  box-shadow: none;

  -webkit-transition: all 0.2s linear;

  transition: all 0.2s linear;

}

input:focus {

  -webkit-box-shadow: 0 0 1.5rem rgba(0, 0, 0, 0.2);

  box-shadow: 0 0 1.5rem rgba(0, 0, 0, 0.2);

}

/\*  Please Subscribe to ThapaTechnical Youtube Channel

/\* Click Here: https://www.youtube.com/thapatechnical  \*/

.todo-btn {

  width: 5rem;

  display: flex;

  justify-content: space-around;

}

.fa {

  margin-left: -2.5rem;

  cursor: pointer;

  pointer-events: auto;

  z-index: 10;

  background-color: #fff;

  background-image: none;

  color: #666;

  -webkit-transition: color 0.15s linear;

  transition: color 0.15s linear;

  font-size: 2rem;

}

.fa:hover {

  color: rgb(47, 214, 122);

}

.fa-plus:before {

  content: "\f067";

  font-size: 1.5rem;

}

.showItems {

  margin-top: 3rem;

  text-align: center;

}

.eachItem {

  background: #fff;

  padding: 1.2rem 1rem;

  border-radius: 0.5rem;

  margin-bottom: 0.7rem;

  margin-left: 1rem;

  min-width: 40rem;

  word-break: break-word;

  background: rgb(85, 41, 220);

  display: flex;

  justify-content: space-between;

  align-items: center;

}

.eachItem:hover {

  background: rgb(249, 249, 252);

  color: rgb(85, 41, 220);

}

.showItems .eachItem h3 {

  padding-left: 1rem;

  font-size: 1.6rem;

  color: #fff;

}

.fa-trash-alt,

.fa-edit {

  /\* margin-left: -2.5rem; \*/

  cursor: pointer;

  pointer-events: auto;

  z-index: 10;

  color: rgb(251, 251, 251);

  -webkit-transition: color 0.15s linear;

  transition: color 0.15s linear;

  font-size: 2rem;

}

.addItems .fa-edit {

  color: rgb(47, 214, 122);

}

.fa-edit {

  margin-left: -3.5rem;

}

/\*  Please Subscribe to ThapaTechnical Youtube Channel

/\* Click Here: https://www.youtube.com/thapatechnical  \*/

.eachItem:hover .fa-trash-alt {

  color: rgb(214, 47, 61);

}

.eachItem:hover .fa-edit {

  color: rgb(100, 214, 47);

}

.eachItem:hover h3 {

  color: rgb(85, 41, 220);

}

.btn {

  letter-spacing: 0.1em;

  cursor: pointer;

  font-size: 14px;

  font-weight: 400;

  line-height: 45px;

  max-width: 160px;

  position: relative;

  text-decoration: none;

  text-transform: uppercase;

  width: 100%;

}

.btn:hover {

  text-decoration: none;

}

.effect04 {

  --uismLinkDisplay: var(--smLinkDisplay, inline-flex);

  display: var(--uismLinkDisplay);

  color: #000;

  outline: solid 2px #000;

  position: relative;

  transition-duration: 0.4s;

  overflow: hidden;

}

.effect04::before,

.effect04 span {

  margin: 0 auto;

  transition-timing-function: cubic-bezier(0.86, 0, 0.07, 1);

  transition-duration: 0.4s;

}

.effect04:hover {

  background-color: rgb(85, 41, 220);

}

.effect04:hover span {

  -webkit-transform: translateY(-400%) scale(-0.1, 20);

  transform: translateY(-400%) scale(-0.1, 20);

}

.effect04::before {

  content: attr(data-sm-link-text);

  color: #fff;

  position: absolute;

  left: 0;

  right: 0;

  margin: auto;

  -webkit-transform: translateY(500%) scale(-0.1, 20);

  transform: translateY(500%) scale(-0.1, 20);

}

.effect04:hover::before {

  letter-spacing: 0.05em;

  -webkit-transform: translateY(0) scale(1, 1);

  transform: translateY(0) scale(1, 1);

}

index.html

<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="utf-8" />

  <link rel="icon" href="%PUBLIC\_URL%/favicon.ico" />

  <meta name="viewport" content="width=device-width, initial-scale=1" />

  <meta name="theme-color" content="#000000" />

  <meta name="description" content="Web site created using create-react-app" />

  <!--

      manifest.json provides metadata used when your web app is installed on a

      user's mobile device or desktop. See https://developers.google.com/web/fundamentals/web-app-manifest/

    -->

  <link rel="manifest" href="%PUBLIC\_URL%/manifest.json" />

  <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0/css/bootstrap.min.css"

    integrity="sha384-Gn5384xqQ1aoWXA+058RXPxPg6fy4IWvTNh0E263XmFcJlSAwiGgFAW/dAiS6JXm" crossorigin="anonymous">

  <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/5.15.0/css/all.min.css"

    integrity="sha512-BnbUDfEUfV0Slx6TunuB042k9tuKe3xrD6q4mg5Ed72LTgzDIcLPxg6yI2gcMFRyomt+yJJxE+zJwNmxki6/RA=="

    crossorigin="anonymous" />

  <!--

      Notice the use of %PUBLIC\_URL% in the tags above.

      It will be replaced with the URL of the `public` folder during the build.

      Only files inside the `public` folder can be referenced from the HTML.

      Unlike "/favicon.ico" or "favicon.ico", "%PUBLIC\_URL%/favicon.ico" will

      work correctly both with client-side routing and a non-root public URL.

      Learn how to configure a non-root public URL by running `npm run build`.

    -->

  <title>React App</title>

</head>

<body>

  <noscript>You need to enable JavaScript to run this app.</noscript>

  <div id="root"></div>

  <!--

      This HTML file is a template.

      If you open it directly in the browser, you will see an empty page.

      You can add webfonts, meta tags, or analytics to this file.

      The build step will place the bundled scripts into the <body> tag.

      To begin the development, run `npm start` or `yarn start`.

      To create a production bundle, use `npm run build` or `yarn build`.

    -->

</body>

</html>

# Create Awesome Portfolio Filter Image Gallery in React

Index.js

import React from 'react';

import ReactDOM from 'react-dom';

//import “./index.scss”;

import GalleryRaect from "./components/GalleryReact";

ReactDOM.render(

    <>

        <>

            <GalleryRaect />

        </>

    </>,

    document.getElementById("root")

);

components/GalleryReact.js

import React, { useState } from 'react'

import "./tab.css";

import Menu from "./Menu";

const GalleryReact = () => {

    const [items, setItems] = useState(Menu);

    const filterItem = (catagItem) => {

        const updatedItems = Menu.filter((curElem) => {

            return curElem.category === catagItem;

        })

        setItems(updatedItems);

    }

    return (

        <>

            <h1 className="mt-5 text-center main-heading">Order Your Favorite Dish</h1>

            <hr />

{/\* My menu list section \*/}

            <div className="menu-tabs container">

                <div className="menu-tab d-flex justify-content-around">

                    <button className="btn btn-warning" onClick={() => filterItem("breakfast")}>Breakfast</button>

                    <button className="btn btn-warning" onClick={() => filterItem("lunch")}>Lunch</button>

                    <button className="btn btn-warning" onClick={() => filterItem("evening")}>Evening</button>

                    <button className="btn btn-warning" onClick={() => filterItem("dinner")}>Dinner</button>

                    <button className="btn btn-warning" onClick={() => setItems(Menu)}>All</button>

                </div>

            </div>

            {/\* My menu items section \*/}

            <div className="menu-items container-fluid mt-5">

                <div className="row r1">

                    <div className="col-11 mx-auto col1">

                        <div className="row my-5 r2">

                            {

                                items.map((elemnt) => {

                                    const { id, image, name, price, description } = elemnt;

                                    return (

                                        <div className="item1 col-12 col-md-6 col-lg-6 col-xl-4 my-5 col2">

                                            <div className="row Item-inside r3">

                                                {/\* for images \*/}

                                                <div className="col-12 col-md-12 col-lg-4 img-div col3">

                                                    <img src={image} alt={name} />

                                                </div>

                                                {/\* menu item description \*/}

                                                <div className="main-titile pt-4 pb-3">

                                                    <h1>{name}</h1>

                                                    <p>{description}</p>

                                                </div>

                                                <div className="menu-price-book">

                                                    <div className="price-book-divide d-flex justify-content-between">

                                                        <h2>Price : {price}</h2>

                                                        <a href=" ">

                                                            <button className="btn btn-primary">Order Now</button>

                                                        </a>

                                                    </div>

                                                    <p>Prices may vary on selected date.</p>

                                                </div>

                                            </div>

                                        </div>

                                    );

                                })

                            }

                        </div>

                    </div>

                </div>

            </div>

        </>

    )

}

export default GalleryReact;

components/Menu.js

const Menu = [

    {

        id: 1,

        image: "images/maggi.jpg",

        name: "Maggi",

        category: "breakfast",

        price: "17tk",

        description: "Lorem ipsum dolor sit amet consrctetur adipisicing elit",

    },

    {

        id: 2,

        image: "./images/allupakora.jpg",

        name: "Allu pakora",

        category: "evening",

        price: "20tk",

        description: "Lorem ipsum dolor sit amet consrctetur adipisicing elit",

    },

    {

        id: 3,

        image: "./images/corn.jpg",

        name: "Corn",

        category: "breakfast",

        price: "15tk",

        description: "Lorem ipsum dolor sit amet consrctetur adipisicing elit",

    },

    {

        id: 4,

        image: "./images/chola.jpg",

        name: "Chola",

        category: "lunch",

        price: "20tk",

        description: "Lorem ipsum dolor sit amet consrctetur adipisicing elit",

    },

    {

        id: 5,

        image: "./images/pizza.jpg",

        name: "Pizza",

        category: "dinner",

        price: "170tk",

        description: "Lorem ipsum dolor sit amet consrctetur adipisicing elit",

    },

    {

        id: 6,

        image: "./images/nonvegetable.jpg",

        name: "Non vegetable",

        category: "lunch",

        price: "140tk",

        description: "Lorem ipsum dolor sit amet consrctetur adipisicing elit",

    },

    {

        id: 7,

        image: "./images/sweet.jpg",

        name: "Sweet",

        category: "dinner",

        price: "340tk",

        description: "Lorem ipsum dolor sit amet consrctetur adipisicing elit",

    },

    {

        id: 8,

        image: "./images/rice.jpg",

        name: "Rice",

        category: "lunch",

        price: "150tk",

        description: "Lorem ipsum dolor sit amet consrctetur adipisicing elit",

    },

    {

        id: 9,

        image: "./images/samosa.jpg",

        name: "Samosa",

        category: "breakfast",

        price: "20tk",

        description: "Lorem ipsum dolor sit amet consrctetur adipisicing elit",

    },

];

export default Menu;

components/tab.css

\*

{

    margin: 0;

    padding: 0;

}

.menu-tab

{

background-color: red;

}

.menu-items

{

 background-color: black;

}

.r1

{

    background-color: red;

}

.col1

{

    background-color: yellow;

}

.r2

{

    background-color: orange;

}

.col2

{

    background-color: olivedrab;

}

.r3

{

    background-color: orchid;

}

.col3

{

    background-color: yellowgreen;

}

# Master React by Creating Dynamic Filter Photo Gallery with React

Index.js

import React from 'react';

import ReactDOM from 'react-dom';

//import “./index.scss”;

import GalleryRaect from "./components/GalleryReact";

ReactDOM.render(

    <>

        <>

            <GalleryRaect />

        </>

    </>,

    document.getElementById("root")

);

components/GalleryReact.js

import React, { useState } from 'react'

import "./tab.css";

import Menu from "./Menu";

import MenuItems from "./MenuItems";

import CatMenu from "./CatMenu";

const allCatValues = [...new Set(Menu.map((currVal) => currVal.category)), "all"];

const GalleryReact = () => {

    const [items, setItems] = useState(Menu);

    const [catItems, setCatItems] = useState(allCatValues);

    const filterItem = (catagItem) => {

        if (catagItem === "all") {

            setItems(Menu);

            return;

        }

        const updatedItems = Menu.filter((curElem) => {

            return curElem.category === catagItem;

        })

        setItems(updatedItems);

    }

    return (

        <>

            <h1 className="mt-5 text-center main-heading">Order Your Favorite Dish</h1>

            <hr />

            {/\* Menu list section \*/}

            <CatMenu filterItem={filterItem} catItems={catItems} />

            {/\* My main items section \*/}

            <MenuItems items={items} />

        </>

    )

}

export default GalleryReact;

components/CatMenu.js

import React from 'react'

const CatMenu = ({ filterItem, catItems }) => {

    return (

        <div>

            <div className="menu-tabs container">

                <div className="menu-tab d-flex justify-content-around">

                    {

                        catItems.map((elemnts, index) => {

                            return <button className="btn btn-warning" key={index} onClick={() => filterItem(elemnts)}>{elemnts}</button>

                        })

                    }

                </div>

            </div>

        </div>

    )

}

export default CatMenu;

components/MenuItems.js

import React from 'react'

const MenuItems = (props) => {

    return (

        <div>            {/\* my main items section \*/}

            <div className="menu-items container-fluid mt-5" >

                <div className="row r1">

                    <div className="col-11 mx-auto col1">

                        <div className="row my-5 r2">

                            {

                                props.items.map((elemnt) => {

                                    const { id, image, name, price, description } = elemnt; {/\* destructuring \*/}

                                    return (

                                        <div className="item1 col-12 col-md-6 col-lg-6 col-xl-4 my-5 col2 " key={id}>

                                            <div className="row Item-inside r3">

                                                {/\* for images \*/}

                                                <div className="col-12 col-md-12 col-lg-4 img-div col3">

                                                    <img src={image} alt={name} />

                                                </div>

                                                {/\* menu item description \*/}

                                                <div className="main-titile pt-4 pb-3">

                                                    <h1>{name}</h1>

                                                    <p>{description}</p>

                                                </div>

                                                <div className="menu-price-book">

                                                    <div className="price-book-divide d-flex justify-content-between">

                                                        <h2>Price : {price}</h2>

                                                        <a href=" ">

                                                            <button className="btn btn-primary">Order Now</button>

                                                        </a>

                                                    </div>

                                                    <p>Prices may vary on selected date.</p>

                                                </div>

                                            </div>

                                        </div>

                                    );

                                })

                            }

                        </div>

                    </div>

                </div>

            </div>

        </div>

    )

}

export default MenuItems;

components/Menu.js

const Menu = [

    {

        id: 1,

        image: "images/maggi.jpg",

        name: "Maggi",

        category: "breakfast",

        price: "17tk",

        description: "Lorem ipsum dolor sit amet consrctetur adipisicing elit",

    },

    {

        id: 2,

        image: "./images/allupakora.jpg",

        name: "Allu pakora",

        category: "evening",

        price: "20tk",

        description: "Lorem ipsum dolor sit amet consrctetur adipisicing elit",

    },

    {

        id: 3,

        image: "./images/corn.jpg",

        name: "Corn",

        category: "breakfast",

        price: "15tk",

        description: "Lorem ipsum dolor sit amet consrctetur adipisicing elit",

    },

    {

        id: 4,

        image: "./images/chola.jpg",

        name: "Chola",

        category: "lunch",

        price: "20tk",

        description: "Lorem ipsum dolor sit amet consrctetur adipisicing elit",

    },

    {

        id: 5,

        image: "./images/pizza.jpg",

        name: "Pizza",

        category: "dinner",

        price: "170tk",

        description: "Lorem ipsum dolor sit amet consrctetur adipisicing elit",

    },

    {

        id: 6,

        image: "./images/nonvegetable.jpg",

        name: "Non vegetable",

        category: "lunch",

        price: "140tk",

        description: "Lorem ipsum dolor sit amet consrctetur adipisicing elit",

    },

    {

        id: 7,

        image: "./images/sweet.jpg",

        name: "Sweet",

        category: "dinner",

        price: "340tk",

        description: "Lorem ipsum dolor sit amet consrctetur adipisicing elit",

    },

    {

        id: 8,

        image: "./images/rice.jpg",

        name: "Rice",

        category: "lunch",

        price: "150tk",

        description: "Lorem ipsum dolor sit amet consrctetur adipisicing elit",

    },

    {

        id: 9,

        image: "./images/samosa.jpg",

        name: "Samosa",

        category: "breakfast",

        price: "20tk",

        description: "Lorem ipsum dolor sit amet consrctetur adipisicing elit",

    },

    {

        id: 10,

        image: "./images/samosa.jpg",

        name: "Samosa",

        category: "timepass",

        price: "20tk",

        description: "Lorem ipsum dolor sit amet consrctetur adipisicing elit",

    },

    {

        id: 11,

        image: "./images/samosa.jpg",

        name: "Samosa",

        category: "sagor",

        price: "20tk",

        description: "Lorem ipsum dolor sit amet consrctetur adipisicing elit",

    },

];

export default Menu;

components/tab.css

\*

{

    margin: 0;

    padding: 0;

}

.menu-tab

{

background-color: red;

}

.menu-items

{

 background-color: black;

}

.r1

{

    background-color: red;

}

.col1

{

    background-color: yellow;

}

.r2

{

    background-color: orange;

}

.col2

{

    background-color: olivedrab;

}

.r3

{

    background-color: orchid;

}

.col3

{

    background-color: yellowgreen;

}

# Create React JS responsive Navbar From Scratch

Index.js

import React from "react";

import ReactDOM from "react-dom";

//import “./index.scss”;\

import App from "./App";

ReactDOM.render(

    <>

        <>

            <App />

        </>

    </>,

    document.getElementById("root")

);

App.jsx

import React from "react";

import "../node\_modules/bootstrap/dist/css/bootstrap.min.css";

import "../node\_modules/bootstrap/dist/js/bootstrap.bundle";

import Navbar from "../src/components/Navbar";

const App = () => {

    return (

        <>

            <Navbar />

        </>

    )

}

export default App;

components/Navbar.js

import React, { useState } from "react";

import "./navbar.css";

import {

    FaFacebookSquare,

    FaInstagramSquare,

    FaYoutubeSquare,

} from "react-icons/fa";

import { GiHamburgerMenu } from "react-icons/gi";

const Navbar = () => {

    const [showMediaIcons, setShowMediaIcons] = useState(false);

    return (

        <>

            <nav className="main-nav">

                {/\* 1st logo part  \*/}

                <div className="logo">

                    <h2>

                        <span>S</span>agor

                        <span>R</span>aihan

                    </h2>

                </div>

                {/\* 2nd menu part  \*/}

                <div className={

                    showMediaIcons ? "menu-link mobile-menu-link" : "menu-link"

                }>

                    <ul>

                        <li>

                            <a href="">Home</a>

                        </li>

                        <li>

                            <a href="">About</a>

                        </li>

                        <li>

                            <a href="">Service</a>

                        </li>

                        <li>

                            <a href="">Contact</a>

                        </li>

                    </ul>

                </div>

                {/\* 3rd social media links \*/}

                <div className="social-media">

                    <ul className="social-media-desktop">

                        <li>

                            <a

                                href="https://www.youtube.com/channel/UCwfaAHy4zQUb2APNOGXUCCA"

                                target="\_thapa">

                                <FaFacebookSquare className="facebook" />

                            </a>

                        </li>

                        <li>

                            <a

                                href="https://www.instagram.com/thapatechnical/"

                                target="\_thapa">

                                <FaInstagramSquare className="instagram" />

                            </a>

                        </li>

                        <li>

                            <a

                                href="https://www.youtube.com/channel/UCwfaAHy4zQUb2APNOGXUCCA"

                                target="\_thapa">

                                <FaYoutubeSquare className="youtube" />

                            </a>

                        </li>

                    </ul>

                    {/\* hamburget menu start  \*/}

                    <div className="hamburger-menu">

                        <a href="#" onClick={() => setShowMediaIcons(!showMediaIcons)}>

                            <GiHamburgerMenu />

                        </a>

                    </div>

                </div>

            </nav>

            {/\* hero section  \*/}

            <section className="hero-section">

                <p>Welcome to </p>

                <h1>Sagor Raihan</h1>

            </section>

        </>

    )

}

export default Navbar;

components/navbar.css

@import url("https://fonts.googleapis.com/css2?family=Jost:ital,wght@0,100;0,200;0,300;0,400;0,500;0,600;0,700;1,100&display=swap");

\*

{

  margin: 0;

  padding: 0;

  box-sizing: border-box;

  font-family: "Jost", sans-serif;

}

html

{

  font-size: 62.5% /\* 10px \*/;

}

a

{

  text-decoration: none;

}

li

{

  list-style: none;

}

/\* navbar style start  \*/

.main-nav

{

  background-color: aqua;

  width: 100%;

  height: 10rem;

  display: grid;

  grid-template-columns: 10rem 1fr 2fr 1fr 10rem;

  box-shadow: rgba(50, 50, 93, 0.25) 0px 50px 100px -20px,

    rgba(0, 0, 0, 0.3) 0px 30px 60px -30px;

}

.logo

{

  display: grid;

  background-color: #3b5998;

  grid-column: 2/3;

  justify-content: start;

  align-items: center;

}

.menu-link

{

  background-color: #ff0000;

  grid-column: 3/4;

}

.menu-link ul

{

  background-color: orange;

  height: 10rem;

  display: flex;

  /\* grid-template-columns: 100px 100px 100px 100px; \*/

  justify-content: space-evenly;

  align-items: center;

}

/\*.menu-link ul a

{

  display: grid;

  justify-content: center;

  align-items: center;

}

\*/

.social-media

{

  background-color: blue;

  grid-column: 4/5;

}

.social-media ul

{

  background-color: #6495ED;

  height: 10rem;

  display: grid;

  grid-template-columns: 3fr repeat(3, 1fr);

  align-items: center;

  justify-content: flex-end;

}

.social-media ul li

{

  text-align: right;

}

.social-media ul li a

{

 display: flex;

 justify-content: center;

 align-items: center;

}

.social-media ul li:first-child

{

  grid-column: 2/3;

}

/\* ----------- Grid part ends ----------------- \*/

.logo h2

{

  font-size: 2.5rem;

  font-weight: 400;

  text-transform: uppercase;

  background: -webkit-linear-gradient(#eee, rgb(69, 57, 248));

  -webkit-background-clip: text;

  -webkit-text-fill-color: transparent;

}

.logo h2 span

{

  font-size: 3.5rem;

}

.menu-link ul li

{

  font-size: 1.8rem;

}

.menu-link ul li a

{

  text-transform: capitalize;

  color: rgba(0, 0, 3, 0.8);

  transition: 0.5s;

}

.menu-link ul li:hover > a

{

  transform-origin: left;

  color: rgba(0, 0, 3, 1);

  text-decoration: underline;

  transition: 0.5s;

}

.social-media ul li

{

  font-size: 1.8rem;

}

.social-media .hamburger-menu

{

  display: none;

}

.facebook

{

  color: #3b5998;

}

.instagram {

  color: #c32aa3;

}

.youtube {

  color: #ff0000;

}

/\* hero section   \*/

.hero-section

{

  height: 80vh;

  display: flex;

  justify-content: center;

  align-items: center;

  flex-direction: column;

}

.hero-section p

{

  font-size: 3rem;

  text-transform: capitalize;

}

.hero-section h1 {

  font-size: 5rem;

  text-transform: uppercase;

  text-align: center;

}

/\* responsive css style  \*/

@media (max-width: 1080px) {

  .main-nav {

    height: 8rem;

    grid-template-columns: 2rem 3fr 3fr 1fr 2rem;

  }

  .logo,

  .menu-link ul,

  .social-media ul

  {

    height: 8rem;

  }

}

/\* responsive css style  \*/

@media (max-width: 998px)

{

  .main-nav

  {

    height: 7rem;

    grid-template-columns: 2rem 2fr 3fr 2rem 2rem;

  }

  .menu-link

  {

    display: none;

  }

  .logo,

  .social-media ul

  {

    height: 7rem;

  }

  .mobile-menu-link

  {

    grid-column: 2/4;

    position: relative;

    z-index: 99;

  }

  .mobile-menu-link

  {

    background-color: white;

    height: 20rem;

    display: grid;

    grid-column: 2/5;

    align-items: center;

    padding-left: 3rem;

    transition: all 2s linear;

    transform-origin: top;

    box-shadow: rgba(50, 50, 93, 0.25) 0px 50px 100px -20px,

      rgba(0, 0, 0, 0.3) 0px 30px 60px -30px;

  }

  .mobile-menu-link ul

  {

    height: 20rem;

    display: flex;

    justify-content: space-around;

    flex-direction: column;

    align-items: start;

  }

  .mobile-menu-link ul li:first-child

  {

    transition-delay: 0.2s;

  }

  .social-media

  {

    grid-row: 1/2;

    grid-column: 3/5;

    justify-items: end;

    align-items: center;

    transition: all 2s linear;

  }

  .social-media .social-media-desktop

  {

    height: 0;

    display: none;

  }

  .social-media

  {

    height: 7rem;

    display: flex;

    justify-self: end;

    align-items: center;

  }

  .social-media .hamburger-menu

  {

    display: block;

    font-size: 2.5rem;

  }

}

@media (max-width: 798px)

{

  .main-nav {

    height: 6rem;

    grid-template-columns: 1rem 2fr 1fr 1fr 1rem;

  }

  .logo,

  .social-media ul

  {

    height: 6rem;

  }

  .social-media

  {

    height: 6rem;

    display: flex;

    justify-self: end;

    align-items: center;

  }

  .social-media .hamburger-menu

  {

    display: block;

    font-size: 2.5rem;

  }

}

@media (max-width: 520px)

{

  .main-nav

  {

    height: 6rem;

    grid-template-columns: 1rem 4fr 1fr 1fr 1rem;

  }

  .logo,

  .social-media ul

  {

    height: 6rem;

  }

  .logo h2

  {

    font-size: 2rem;

  }

  .social-media

  {

    height: 6rem;

    display: flex;

    justify-self: end;

    align-items: center;

  }

  .social-media .hamburger-menu

  {

    display: block;

    font-size: 2.5rem;

  }

  /\* hero section  \*/

  .hero-section h1

  {

    font-size: 3.8rem;

  }

}

# Increament, Decrement using UseState, UseEffect, UseReducer

Index.js

import React from "react";

import ReactDOM from "react-dom";

import "./index.css";

import App from "./App";

ReactDOM.render(

    <React.StrictMode>

        <App />

    </React.StrictMode>,

    document.getElementById("root")

);

App.jsx

import React from "react";

//import UseState from "./components/UseState";

//import UseEffect from "./components/UseEffect";

import UseReducer from "./components/UseReducer";

const App = () => {

    return (

        <>

            {/\* <UseState/> \*/}

            {/\* <UseEffect /> \*/}

            <UseReducer />

        </>

    );

};

export default App;

components/UseState.js

import React from "react";

import "./style.css";

const UseState = () => {

    // const initialData = 15;

    const [myNum, setMyNum] = React.useState(0);

    return (

        <>

            <div className="center\_div">

                <p>{myNum}</p>

                <div class="button2" onClick={() => setMyNum(myNum + 1)}>

                    <span></span>

                    <span></span>

                    <span></span>

                    <span></span>

                    INCR

                </div>

                <div

                    class="button2"

                    onClick={() => (myNum > 0 ? setMyNum(myNum - 1) : setMyNum(0))}>

                    <span></span>

                    <span></span>

                    <span></span>

                    <span></span>

                    DECR

                </div>

            </div>

        </>

    );

};

export default UseState;

components/UseEffect.js

import React, { useState, useEffect } from "react";

import "./style.css";

const UseEffect = () => {

    // const initialData = 15;

    const [myNum, setMyNum] = useState(0);

    useEffect(() => {

        document.title = `Chats(${myNum})`;

    });

    return (

        <>

            <div className="center\_div">

                <p>{myNum}</p>

                <div class="button2" onClick={() => setMyNum(myNum + 1)}>

                    <span></span>

                    <span></span>

                    <span></span>

                    <span></span>

                    INCR

                </div>

            </div>

        </>

    );

};

export default UseEffect;

components/UseReducer.js

import React, { useReducer } from "react";

import "./style.css";

const reducer = (state, action) => {

    if (action.type === "INCR") {

        state = state + 1;

    }

    if (state > 0 && action.type === "DECR") {

        state = state - 1;

    }

    return state;

};

const UseReducer = () => {

    // const initialData = 15;

    //   const [myNum, setMyNum] = React.useState(0);

    const intialData = 10;

    const [state, dispatch] = useReducer(reducer, intialData);

    return (

        <>

            <div className="center\_div">

                <p>{state}</p>

                <div class="button2" onClick={() => dispatch({ type: "INCR" })}>

                    <span></span>

                    <span></span>

                    <span></span>

                    <span></span>

                    INCR

                </div>

                <div class="button2" onClick={() => dispatch({ type: "DECR" })}>

                    <span></span>

                    <span></span>

                    <span></span>

                    <span></span>

                    DECR

                </div>

            </div>

        </>

    );

};

export default UseReducer;

components/style.css

@import url("https://fonts.googleapis.com/css2?family=Roboto&display=swap");

body {

  display: flex;

  justify-content: center;

  align-items: center;

  height: 100vh;

  background: #060505;

}

.button {

  border: 2px solid #d2bdff;

  height: 80px;

  width: 200px;

  border-radius: 4px;

  position: relative;

  cursor: pointer;

  font-family: "Roboto", sans-serif;

  margin: 25px;

}

.button::after {

  content: "HOVER ME";

  position: absolute;

  top: 41%;

  left: 50%;

  transform: translate(-50%);

  color: #d2bdff;

  transition: all 0.1s linear;

}

.button::before {

  content: "";

  position: relative;

  display: block;

  height: 15px;

  width: 15px;

  background: #d2bdff;

  box-shadow: 0px 0px 10px 3px #0ff;

  margin-left: -8px;

  margin-top: -8px;

  opacity: 0;

  transition: all 0.1s linear;

  border-radius: 100%;

  animation: star 1.3s linear infinite;

}

@keyframes star {

  0% {

    margin-left: -8px;

    margin-top: -8px;

  }

  25% {

    margin-left: 194px;

    margin-top: -8px;

  }

  50% {

    margin-left: 194px;

    margin-top: 75px;

  }

  75% {

    margin-left: -8px;

    margin-top: 75px;

  }

  100% {

    margin-left: -8px;

    margin-top: -8px;

  }

}

.button:hover::before {

  opacity: 1;

  animation: star 1.3s linear infinite;

}

.button:hover::after {

  content: "I'M GLOWING";

  text-shadow: 0 0 10px #fff, 0 0 10px #fff, 0 0 20px #82bedc, 0 0 30px #82bedc,

    0 0 40px #82bedc, 0 0 50px #82bedc, 0 0 60px #82bedc;

}

.button2 {

  position: relative;

  display: inline-block;

  padding: 30px 61px;

  border-radius: 4px;

  color: #03e9f4;

  text-decoration: none;

  text-transform: uppercase;

  overflow: hidden;

  margin: 25px;

  font-family: "Roboto", sans-serif;

  filter: hue-rotate(0deg);

  border: 2px solid #d2bdff;

  transition: all 0.1s linear;

  cursor: pointer;

}

.button2:hover {

  border: 1px solid transparent;

}

.button2:hover span {

  position: absolute;

  display: block;

}

.button2:hover span:nth-child(1) {

  filter: hue-rotate(0deg);

  top: 0;

  left: 0;

  width: 100%;

  height: 3px;

  background: linear-gradient(90deg, transparent, #3a86ff);

  animation: animate1 1s linear infinite;

}

@keyframes animate1 {

  0% {

    left: -100%;

  }

  50%,

  100% {

    left: 100%;

  }

}

.button2:hover span:nth-child(2) {

  filter: hue-rotate(60deg);

  top: -100%;

  right: 0;

  width: 3px;

  height: 100%;

  background: linear-gradient(180deg, transparent, #3a86ff);

  animation: animate2 1s linear infinite;

  animation-delay: 0.25s;

}

@keyframes animate2 {

  0% {

    top: -100%;

  }

  50%,

  100% {

    top: 100%;

  }

}

.button2:hover span:nth-child(3) {

  filter: hue-rotate(120deg);

  bottom: 0;

  right: 0;

  width: 100%;

  background: linear-gradient(270deg, transparent, #3a86ff);

  animation: animate3 1s linear infinite;

  animation-delay: 0.5s;

}

@keyframes animate3 {

  0% {

    right: -100%;

    height: 3px;

  }

  50%,

  100% {

    height: 2px;

    right: 100%;

  }

}

.button2:hover span:nth-child(4) {

  filter: hue-rotate(300deg);

  bottom: -100%;

  left: 0;

  width: 3px;

  height: 100%;

  background: linear-gradient(360deg, transparent, #3a86ff);

  animation: animate4 1s linear infinite;

  animation-delay: 0.75s;

}

@keyframes animate4 {

  0% {

    bottom: -100%;

  }

  50%,

  100% {

    bottom: 100%;

  }

}

P {

  color: #fff;

  text-align: center;

  font-size: 60px;

  margin-bottom: 50px;

}

# Create Live Search Weather App using React 2

Index

import React from "react";

import ReactDOM from "react-dom";

//import "./index.css";

import App from "./App";

ReactDOM.render(

    <React.StrictMode>

        <App />

    </React.StrictMode>,

    document.getElementById("root")

);

Temp.jsx

import React, { useState, useEffect } from "react";

import Weathercard from "./Weathercard";

import "./style.css";

const Temp = () => {

    const [searchValue, setSearchValue] = useState("pune");

    const [tempInfo, setTempInfo] = useState({});

    const getWeatherInfo = async () => {

        try {

            let url = `https://api.openweathermap.org/data/2.5/weather?q=${searchValue}&units=metric&appid=9f4d07b6d78b9c25a119aa57f813b9af`;

            let res = await fetch(url);

            let data = await res.json();

            const { temp, humidity, pressure } = data.main;

            const { main: weathermood } = data.weather[0];

            const { name } = data;

            const { speed } = data.wind;

            const { country, sunset } = data.sys;

            const myNewWeatherInfo = {

                temp,

                humidity,

                pressure,

                weathermood,

                name,

                speed,

                country,

                sunset,

            };

            setTempInfo(myNewWeatherInfo);

        } catch (error) {

            console.log(error);

        }

    };

    useEffect(() => {

        getWeatherInfo();

    }, []);

    return (

        <>

            <div className="wrap">

                <div className="search">

                    <input

                        type="search"

                        placeholder="search..."

                        autoFocus

                        id="search"

                        className="searchTerm"

                        value={searchValue}

                        onChange={(e) => setSearchValue(e.target.value)}

                    />

                    <button

                        className="searchButton"

                        type="button"

                        onClick={getWeatherInfo}>

                        Search

                    </button>

                </div>

            </div>

            {/\* our temp card  \*/}

            <Weathercard {...tempInfo} />

        </>

    );

};

export default Temp;

Weathercard.jsx

import React, { useEffect } from "react";

const Weathercard = ({

    temp,

    humidity,

    pressure,

    weathermood,

    name,

    speed,

    country,

    sunset,

}) => {

    const [weatherState, setWeatheState] = React.useState("");

    useEffect(() => {

        if (weathermood) {

            switch (weathermood) {

                case "Clouds":

                    setWeatheState("wi-day-cloudy");

                    break;

                case "Haze":

                    setWeatheState("wi-fog");

                    break;

                case "Clear":

                    setWeatheState("wi-day-sunny");

                    break;

                case "Mist":

                    setWeatheState("wi-dust");

                    break;

                default:

                    setWeatheState("wi-day-sunny");

                    break;

            }

        }

    }, [weathermood]);

    // converting the seconds into time

    let sec = sunset;

    let date = new Date(sec \* 1000);

    let timeStr = `${date.getHours()}:${date.getMinutes()}`;

    return (

        <>

            <article className="widget">

                <div className="weatherIcon">

                    <i className={`wi ${weatherState}`}></i>

                </div>

                <div className="weatherInfo">

                    <div className="temperature">

                        <span>{temp}&deg;</span>

                    </div>

                    <div className="description">

                        <div className="weatherCondition">{weathermood}</div>

                        <div className="place">

                            {name}, {country}

                        </div>

                    </div>

                </div>

                <div className="date"> {new Date().toLocaleString()} </div>

                {/\* our 4column section  \*/}

                <div className="extra-temp">

                    <div className="temp-info-minmax">

                        <div className="two-sided-section">

                            <p>

                                <i className={"wi wi-sunset"}></i>

                            </p>

                            <p className="extra-info-leftside">

                                {timeStr} PM <br />

                                Sunset

                            </p>

                        </div>

                        <div className="two-sided-section">

                            <p>

                                <i className={"wi wi-humidity"}></i>

                            </p>

                            <p className="extra-info-leftside">

                                {humidity} <br />

                                Humidity

                            </p>

                        </div>

                    </div>

                    <div className="weather-extra-info">

                        <div className="two-sided-section">

                            <p>

                                <i className={"wi wi-rain"}></i>

                            </p>

                            <p className="extra-info-leftside">

                                {pressure} <br />

                                Pressure

                            </p>

                        </div>

                        <div className="two-sided-section">

                            <p>

                                <i className={"wi wi-strong-wind"}></i>

                            </p>

                            <p className="extra-info-leftside">

                                {speed} <br />

                                Speed

                            </p>

                        </div>

                    </div>

                </div>

            </article>

        </>

    );

};

export default Weathercard;

style.css

@import url(https://fonts.googleapis.com/css?family=Poiret+One);

@import url(https://cdnjs.cloudflare.com/ajax/libs/weather-icons/2.0.9/css/weather-icons.min.css);

\* {

  margin: 0;

  padding: 0;

  box-sizing: border-box;

}

:root {

  --rad: 0.7rem;

  --dur: 0.3s;

  --color-dark: #2f2f2f;

  --color-light: #fff;

  --color-brand: #57bd84;

  --font-fam: "Lato", sans-serif;

  --height: 5rem;

  --btn-width: 6rem;

  --bez: cubic-bezier(0, 0, 0.43, 1.49);

}

body {

  background-color: #f5f5f5;

  background: var(--color-dark);

  height: 100vh;

  min-height: 100vh;

  display: grid;

  place-items: center;

}

.widget {

  display: flex;

  height: 400px;

  width: 650px;

  flex-wrap: wrap;

  cursor: pointer;

  border-radius: 20px;

  box-shadow: 0 27px 55px 0 rgba(0, 0, 0, 0.3),

    0 17px 17px 0 rgba(0, 0, 0, 0.15);

}

.widget .weatherIcon {

  flex: 1 100%;

  height: 50%;

  border-top-left-radius: 20px;

  border-top-right-radius: 20px;

  background: #fafafa;

  font-family: weathericons;

  display: flex;

  align-items: center;

  justify-content: space-around;

  font-size: 100px;

}

.widget .weatherInfo {

  flex: 0 0 70%;

  height: 40%;

  background: #080705;

  display: flex;

  align-items: center;

  color: white;

}

.widget .weatherInfo .temperature {

  flex: 0 0 40%;

  width: 100%;

  font-size: 65px;

  display: flex;

  justify-content: space-around;

  margin-right: 20px;

}

.widget .weatherInfo .description {

  flex: 0 60%;

  display: flex;

  flex-direction: column;

  width: 100%;

  height: 100%;

  justify-content: center;

}

.widget .weatherInfo .description .weatherCondition {

  text-transform: uppercase;

  font-size: 35px;

  font-weight: 100;

}

.widget .weatherInfo .description .place {

  font-size: 15px;

}

.widget .date {

  flex: 0 0 30%;

  height: 40%;

  background: #70c1b3;

  display: flex;

  justify-content: space-around;

  align-items: center;

  color: white;

  font-size: 30px;

  font-weight: 800;

  text-align: center;

}

.widget .extra-temp {

  flex: 1 100%;

  padding: 5% 0;

  border-bottom-left-radius: 20px;

  border-bottom-right-radius: 20px;

  background: #fafafa;

  display: grid;

  grid-template-columns: repeat(2, 1fr);

  align-items: center;

  font-size: 100px;

}

.widget .extra-temp p {

  font-size: 25px;

  font-weight: 600;

}

.temp-info-minmax,

.weather-extra-info,

.two-sided-section {

  display: grid;

  grid-template-columns: repeat(2, 1fr);

  text-align: center;

  align-items: center;

  color: #70c1b3;

  /\* background-color: blanchedalmond; \*/

}

.widget .extra-temp .extra-info-leftside {

  text-align: left;

  font-weight: 600;

  text-transform: capitalize;

  color: #080705;

  font-size: 15px;

}

/\* input search button style  \*/

.search {

  width: 100%;

  position: relative;

  display: flex;

  justify-content: center;

}

.searchTerm {

  width: 50%;

  /\* border: 3px solid #00b4cc; \*/

  border: none;

  padding: 16px;

  height: 20px;

  border-radius: 5px 0 0 5px;

  outline: none;

  font-size: 18px;

}

.searchTerm:focus {

  color: #00b4cc;

}

.searchButton {

  width: 80px;

  height: 32px;

  border: none;

  background: #048b9c;

  text-align: center;

  color: #fff;

  border-radius: 0 5px 5px 0;

  cursor: pointer;

  font-size: 20px;

  outline: none;

  font-size: 16px;

}

.searchButton:hover {

  background-color: #17b8ce;

}

.wrap {

  display: flex;

  justify-content: center;

  text-align: center;

  margin-top: -150px;

  margin-bottom: 50px;

}

/\*Resize the wrap to see the search bar change!\*/

/\* .wrap {

  width: 30%;

  position: absolute;

  top: 50%;

  left: 50%;

  transform: translate(-50%, -50%);

} \*/

# React JS ContactUs with Firebase

Index.js

import React from "react";

import ReactDOM from "react-dom";

import Contact from "./Contact";

ReactDOM.render(

    <React.StrictMode>

        <Contact />

    </React.StrictMode>,

    document.getElementById("root")

);

Contact.jsx

import React, { useState } from "react";

const Contact = () => {

    const [user, setUser] = useState({

        fullname: " ",

        phone: " ",

        email: " ",

        msg: " ",

    });

    const postData = async (e) => {

        e.preventDefault();

        const { fullname, phone, email, msg } = user; //object destructuring

        if (fullname && phone && email && msg) {

            const res = await fetch("https://reactsagorraihan-default-rtdb.firebaseio.com/sagorraihanreact.json",

                {

                    method: "POST",

                    headers: {

                        "Content-Type": "Application/json",

                    },

                    body: JSON.stringify(

                        {

                            fullname,

                            phone,

                            email,

                            msg,

                        }

                    )

                }

            )

            if (res) {

                setUser({

                    fullname: " ",

                    phone: " ",

                    email: " ",

                    msg: " ",

                })

                alert(" Data Stored Succesfully ")

            }

        }

        else {

            alert(" Plz fill all the Data ")

        }

    }

    const inputEvent = (event) => {

        const { name, value } = event.target;

        setUser((preValue) => {

            return {

                ...preValue,

                [name]: value,

            }

        }

        )

    }

    return (

        <>

            <div className="my-5">

                <h1 className="text-center">Contact Us</h1>

            </div>

            <div className="container contact\_div">

                <div className="row">

                    <div className="col-md-6 col-10 mx-auto">

                        <form method="POSt">

                            <div className="mb-3">

                                <label for="exampleFormControlInput1" className="form-label">FullName</label>

                                <input type="text"

                                    class="form-control"

                                    id="exampleFormControlInput1"

                                    name="fullname"

                                    value={user.fullname}

                                    onChange={inputEvent}

                                    placeholder="Enter your name"

                                    required

                                />

                            </div>

                            <div class="mb-3">

                                <label for="exampleFormControlInput1" className="form-label">Phone</label>

                                <input

                                    type="number"

                                    class="form-control"

                                    id="exampleFormControlInput1"

                                    name="phone"

                                    value={user.phone}

                                    onChange={inputEvent}

                                    placeholder="mobile number"

                                    required

                                />

                            </div>

                            <div class="mb-3">

                                <label for="exampleFormControlInput1" className="form-label">Email address</label>

                                <input

                                    type="email"

                                    class="form-control"

                                    id="exampleFormControlInput1"

                                    name="email"

                                    value={user.email}

                                    onChange={inputEvent}

                                    placeholder="name@example.com"

                                    required

                                />

                            </div>

                            <div className="mb-3">

                                <label for="exampleFormControlTextarea1" className="form-label">Message</label>

                                <textarea

                                    className="form-control"

                                    id="exampleFormControlTextarea1"

                                    name="msg"

                                    value={user.msg}

                                    onChange={inputEvent}

                                    rows="3"

                                    required

                                ></textarea>

                            </div>

                            <div className="col-12">

                                <button className="btn btn-outline-primary" type="submit" onClick={postData}>Submit form</button>

                            </div>

                        </form>

                    </div>

                </div>

            </div>

        </>

    )

}

export default Contact;