**React JS**

* **Babel**
* Babel is a JavaScript compiler that converts modern JavaScript code into a version compatible with all browsers. Babel enables React developers to use the latest JavaScript syntax in their components. Babel transpiles modern JavaScript for use in React components and all browsers.
* **Router in React JS**
* **MainRouter.jsx**

import React, { Suspense } from "react";

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

// import { Link } from "react-router-dom";

import Main from "../Pages/Main";

import Contact from "../Pages/Contact";

import About from "../Pages/About";

import HeaderFile from "../Component/HeaderFile";

import Example from "../Pages/Example";

const Functionalconporoute = React.lazy(() => { return import('./Functionalconporoute.jsx') })

const Classcomporoute = React.lazy(() => { return import('./Classcomporoute.jsx') })

const MainRouter = createBrowserRouter([

  {

    path: "/",

    element: (

      <>

        <HeaderFile />

        <Main />

        {/\* <Link to="/"></Link> \*/}

      </>

    ),

  },

  {

    path: "/about",

    element: (

      <>

        <HeaderFile />

        <About />

        {/\* <Link to="/"></Link> \*/}

      </>

    ),

  },

  {

    path: "/contact",

    element: (

      <>

        <HeaderFile />

        <Contact />

        {/\* <Link to="/"></Link> \*/}

      </>

    ),

  },

  {

    path: "/example",

    element: (

      <>

        <HeaderFile />

        <Example />

        {/\* <Link to="/"></Link> \*/}

      </>

    ),

    children: [

      {

        path: "/example/functionalcomponent/\*",

        element: <Suspense fallback={<>Loading....</>} ><Functionalconporoute /></Suspense>

      },

    ]

  },

  {

    path: "/example",

    element: (

      <>

        <HeaderFile />

        <Example />

        {/\* <Link to="/"></Link> \*/}

      </>

    ),

    children: [

      {

        path: "/example/classcomponent/\*",

        element: <Suspense fallback={<>Loading....</>} ><Classcomporoute /></Suspense>

      },

    ]

  }

]);

export default MainRouter;

* **Functionalconporoute.jsx**

import React from "react";

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

import Functioncompomenu from "./../Component/FunctionComponent/01Functioncompomenu.jsx";

import Functioncompointro from "./../Component/FunctionComponent/02Functioncompointro.jsx";

const Functionalconporoute = () => {

    const routes = useRoutes([

        {

            path:"/",

            element:<Functioncompomenu/>,

            children:[

                {

                    path:"functioncompointro",

                    element:<Functioncompointro/>

                }

            ]

        }

    ])

    return routes;

}

export default Functionalconporoute;

* **Functioncompomenu.jsx**

import React from "react";

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

const Functioncompomenu = () => {

    return (<>

        <div className="row">

            <div className="col offset-6">

                <ol>

                    <li><Link to="functioncompointro">Functional Components Intro</Link> </li>

                </ol>

            </div>

        </div>

        <div className="row">

            <div className="col">

                <Outlet></Outlet>

            </div>

        </div>

    </>);

}

export default Functioncompomenu;

* When we want to print child component then we use Outlet.
* **Functioncompointro.jsx**

import React from "react";

const Functioncompointro = () => {

    return ( <>

        <div className="row">

            <div className="col offset-6">

                <h2>Functioncompointro</h2>

            </div>

        </div>

    </> );

}

export default Functioncompointro;