

## Assignment-1

### Create a Navigation bar using react and styled components

#### Procedure :

Open your respective drive in the command prompt

And create react app in that drive `npx create-react-app frontendnotes`

Now change the folder to frontendnotes

`Cd frontendnotes`

Now start the server `npm start`

//server will be started

Open that frontendnotes folder in the visual studio code we can see the default files and packages

In the src folder,create a new folder naming as “Components”

In the components folder create files as “Navbar.js” & “NavbarElements”

“NavbarElements” file is used to style the components

Now install the following packages:

**`npm install react-bootstrap`**

**`npm install react-icons`**

**`npm install react-router-dom@6`**

**`npm install styled-components@5.3.10`**

#### **Navbar.js**

```
import React from 'react';
import { Nav,NavLink,NavMenu } from './NavbarElements';
import { NavbarBrand } from 'react-bootstrap';

const Navbar = () => {
  return(
    <div>
      <Nav>

        <NavMenu>
          <NavbarBrand style={{ color:"white",fontSize:"large" }}>Notes
Manager</NavbarBrand>
          <NavLink to="/" activeStyle>Home</NavLink>
          <NavLink to="/register" activeStyle>Register</NavLink>
          <NavLink to="/login" activeStyle>Login</NavLink>
        </NavMenu>
      </Nav>
    </div>
  )
}
```

```

    </div>
  );
};

export default Navbar;

```

## NavbarElements.js

```

import { FaBars } from "react-icons/fa"
import { NavLink as Link } from "react-router-dom" //react-bootstrap
import styled from "styled-components"

export const Nav=styled.nav`
  background: #000000;
  height: 85px;
  display: flex ;
  justify-content: space-between;
  padding: 0.2rem calc((100vw-1000px) / 2);
  z-index: 12;
`;

export const NavLink=styled(Link)`
  color: #FFFFFFF;
  display: flex;
  align-items: center;
  text-decoration: none;
  padding: 0 1rem;
  height: 100%;
  cursor: pointer;
  &.active {
    color: #DF1D1D;
  }
`;

export const Bars=styled(FaBars)`
  display: none;
  color: #808080;
  @media screen and (max-width: 768px){
    display: block;
    position: absolute;
    top:0;
    right:0;
    transform: translate(-100%,75%);
    font-size: 1.8rem;
    cursor: pointer;
  }

```

```
`;  
  
export const NavMenu=styled.div`  
  display: flex;  
  align-items: center;  
  margin-right: 24px;  
  @media screen and (max-width: 768px){  
    display:none;  
  }  
`;  
`;
```

Run the server by the command “**npm start**”

