Assignment-2

Create 3 pages(Home,Register,Login)

Procedure :

Create 3 files in the pages folder "index.js" , "register.js" , "login.js"

Index.js

```jsx
import React from 'react';
import Navbar from '../Components/Navbar';

function Home() {
    return(
        <div>
            <Navbar/>
            <center>
                <h1>welcome to Notes Manager</h1>
            </center>

        </div>
    );
}

export default Home;
```

register.js

```jsx
import React, {useState} from 'react';
import {Form,Button,Container} from 'react-bootstrap';
import '../../node_modules/bootstrap/dist/css/bootstrap.min.css';

import Navbar from '../Components/Navbar';

const styles={
    heading1: {
        color:"blue"
    }
}

function Register() {
    const [enteredEmail,setEmail]=useState('');
    const [enteredName,setName]=useState('');
    const [enteredMobile,setMobile]=useState('');
    const [enteredPassword,setPassword]=useState('');
    const [enteredOrg,setOrg]=useState('');

    const emailChangeHandler = (event) => {
```

```
            setEmail(event.target.value);
    }

    const nameChangeHandler =(event) => {
            setName(event.target.value);
    }

    const mobileChangeHandler =(event) => {
            setMobile(event.target.value);
    }

    const passwordChangeHandler =(event) => {
            setPassword(event.target.value);
    }
    const orgChangeHandler =(event) => {
            setOrg(event.target.value);
    }

    const registerHandler= (event) => {
            event.preventDefault();

            //reset values
            setEmail('');
            setName('');
            setMobile('');
            setPassword('');
            setOrg('');

            console.log(enteredName,enteredEmail,enteredMobile,enteredPassword,ent
eredOrg);


            //calling the backend
            fetch('http://127.0.0.1:2000/newregistration?'+'name='+enteredName
+'&mobile='+enteredMobile+'&email='+enteredEmail+'&org='+enteredOrg+'&password
='+enteredPassword)
            .then(
                (response) => (response.json())
            ).then((response)=>{
                if(response.status==='success'){
                    document.getElementById('res').innerHTML='Registered
successfully';
                    document.getElementById('err').innerHTML='';
                }else if(response.status==='failure'){
                    document.getElementById('err').innerHTML='Account Existed
Already';
                    document.getElementById('res').innerHTML='';
                }
```

```jsx
        });
    }

    return(
        <div>
            <Navbar />
            <Container className='col-sm-3'>
                <h1 style={styles.heading1}>Register page</h1> <br/>

                <Form onSubmit={registerHandler}>

                    <Form.Group>
                        <Form.Label>Name</Form.Label>
                        <Form.Control type="text" value={enteredName}
onChange={nameChangeHandler} placeholder='Enter Name' />
                    </Form.Group> <br/>

                    <Form.Group>
                        <Form.Label>Email</Form.Label>
                        <Form.Control type="text"  value={enteredEmail}
onChange={emailChangeHandler} placeholder='Enter email' />
                    </Form.Group><br/>

                    <Form.Group>
                        <Form.Label>Mobile</Form.Label>
                        <Form.Control type="text"  value={enteredMobile}
onChange={mobileChangeHandler} placeholder='Enter Mobile' />
                    </Form.Group><br/>

                    <Form.Group>
                        <Form.Label>Organization</Form.Label>
                        <Form.Control type="text" value={enteredOrg}
onChange={orgChangeHandler} placeholder='Enter Organization' />
                    </Form.Group><br/>

                    <Form.Group>
                        <Form.Label>password</Form.Label>
                        <Form.Control type="password"  value={enteredPassword}
onChange={passwordChangeHandler} placeholder='Enter password' />
                    </Form.Group><br/>

                    <Button type='submit'>Register</Button>
                </Form>

                <span style={{color:"red"}} id="err" ></span>
                <span style={{color:"green"}}id="res"></span>
            </Container>
        </div>
```

```
    );
}


export default Register;
```

login.js

```javascript
import React,{useState} from 'react';
import {Form,Button,Container} from 'react-bootstrap';
import '../../node_modules/bootstrap/dist/css/bootstrap.min.css';
import Navbar from '../Components/Navbar';
import Cookies from 'universal-cookie';

const cookies=new Cookies();

const styles={
    heading1:{
        color:"blue"
    }
}

function Login() {

    const [enteredPassword,setPassword]= useState('');
    const [enteredMobile,setMobile]=useState('');

    const passwordChangeHandler =(event)=>{
        setPassword(event.target.value);
    }
    const mobileChangeHandler = (event) =>{
        setMobile(event.target.value);
    }

    const loginHandler= (event) => {
        event.preventDefault();

        //reset values
        setPassword('');
        setMobile('');
console.log(enteredMobile,enteredPassword);
        fetch('http://127.0.0.1:2000/verifylogin?'+'username='+enteredMobile+'
&password='+enteredPassword)
        .then(
            (response) => (response.json())
        ).then((response)=>{
            if(response.status==='success'){
                cookies.set('username',enteredMobile);
```

```
                    document.getElementById('res').innerHTML='credntials are
correct';
                    document.getElementById('err').innerHTML='';
                    window.location.replace('/dashboard');
                } else if(response.status==='failure'){
                    document.getElementById('err').innerHTML='Credentials are
incorrect';
                    document.getElementById('res').innerHTML='';
                }

        });
    }
    return(
        <div>
            <Navbar/>
          <Container className='col-sm-3'>
            <h1 style={styles.heading1}>Login Form </h1> <br />

            <Form onSubmit={loginHandler}>
                <Form.Group>
                    <Form.Label>Mobile</Form.Label>
                    <Form.Control type="text"  value={enteredMobile}
onChange={mobileChangeHandler} placeholder='enter Mobile' required/>
                </Form.Group><br/>

                <Form.Group>
                    <Form.Label>Password</Form.Label>
                    <Form.Control type="password"  value={enteredPassword}
onChange={passwordChangeHandler} placeholder='enter password' required/>
                </Form.Group><br/>

                <Button type='submit'>Login</Button>
            </Form>

                <span style={{color:"red"}} id="err" ></span>
                <span style={{color:"green"}}id="res"></span>

          </Container>


        </div>
    );
}

export default Login;
```
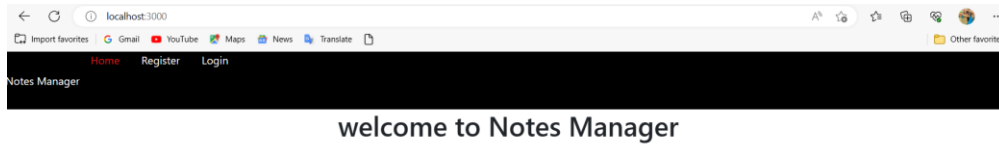
Run the server by the command **"npm start"**

welcome to Notes Manager

By default it will display the "Home " page

Click on the register page ,it will display the register page

Register page

Name

Enter Name

Email

Enter email

Mobile

Enter Mobile

Organization

Enter Organization

password

Enter password

Register

Login Form

Mobile

enter Mobile

Password

enter password

Login