202101619010106

CS260

set-3

Q1

LoginForm.jsx

import React, { useState } from 'react'

const LoginForm = () => {

let [username,setUsername]=useState()

let [password,setPassword]=useState('')

let [show,setShow]=useState()

let Login=()=>{

if(username=="admin" && password=="1234"){

setShow("Login Successful!")

}

else{

setShow("Invalid Credentials")

}

}

return (

<>

username: <input type='text' value={username} onChange={e=>setUsername(e.target.value)} placeholder='Enter username' ></input><br/>

password: <input type='password' value={password} onChange={e=>setPassword(e.target.value)} placeholder='Enter password' ></input><br/>

<button onClick={Login}>Login</button>

<h2>{show}</h2>

</>

)

}

export default LoginForm

App.jsx

import "./App.css"

import LoginForm from "./Exam/LoginForm"

function App() {

return (

<>

<LoginForm></LoginForm>

</>

)

}

export default App

Q2

NumberChecker.jsx

import React, { useState } from 'react'

const NumberChecker = () => {

let [num,setNum]=useState()

let [show,setShow]=useState()

let check=()=>{

let temp=Number(num)

if(temp%2==0){

setShow("Even")

}

else{

setShow("Odd")

}

}

return (

<>

<input type='number' value={num} onChange={e=>setNum(e.target.value)} placeholder='Enter Number' ></input>

<button onClick={check}>check</button>

<h2>{show}</h2>

</>

)

}

export default NumberChecker

App.jsx

import "./App.css"

import NumberChecker from "./Exam/NumberChecker"

function App() {

return (

<>

<NumberChecker></NumberChecker>

</>

)

}

export default App