Enrollment No. - 202101619010020

MachineID – CS0266

SET - 6

**GradeChecker.jsx**

import { useState } from "react";

export default function GradeChecker(){

const [marks,setMarks] = useState("")

const [grade,setGrade] = useState(null)

function checkGrade(e){

e.preventDefault()

if(marks>=90){

setGrade("A")

}else if(marks>=75){

setGrade("B")

}else if(marks>=50){

setGrade("C")

}else{

setGrade("FAIL")

}

}

return (

<>

<h1>Grade Checker Component</h1>

<form className="grade-form">

<label htmlFor="marks">Marks</label>

<input

type="number"

name="marks"

id="marks"

value={marks}

onChange={(e)=>setMarks(e.target.value)} />

<button onClick={checkGrade}>Check Grade</button>

</form>

{

grade!==null &&

(grade!="FAIL" ?

<h3>Your Grade Is {grade}</h3> :

<h3>You Have Failed The Exam!</h3>)

}

</>

)

}

**Tasks.jsx**

import { useState } from "react";

export default function Tasks(){

let tasks = ["Complete Assignment","Read React Docs","Go For A Walk"]

// tasks = []

return (

<>

<h1>Tasks Component</h1>

<ul>

{

tasks.length!=0 ?

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

return <li key={index}>{value}</li>

}) :

<h3>No Tasks Available</h3>

}

</ul>

</>

)

}

**App.jsx**

import "./App.css"

import GradeChecker from "./GradeChecker"

import Tasks from "./Tasks"

function App() {

return (

<>

<GradeChecker />

<hr />

<Tasks />

</>

)

}

export default App

**main.jsx**

import { StrictMode } from 'react'

import { createRoot } from 'react-dom/client'

import './index.css'

import App from './App.jsx'

createRoot(document.getElementById('root')).render(

<StrictMode>

<App />

</StrictMode>,

)