**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* PART-01 to 10 \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

Theory

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* PART-11 to 13 \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

\*\*\* Template Literals , current date & time \*\*\*

Open Index.js file and paste below code:

import React from 'react';

import ReactDOM from ‘react-dom’;

const fname=”raj” ;

const lname = “Kumar”;

const currDate = new Date().toLocaleDateString();

const currTime = new Date().toLocaleTimeString();

const img1 = “https:www.dummy.com/photo/test.png”;

    ReactDOM.render(

            <>

                <h1>Name is {fname}{lname}</h1>

<h1>Name is {fname + lname}</h1>

<h1>Name is {fname +” “+lname}</h1>

<h1>Name is {fname}{lname}</h1>

<h1>Name is { `My name is ${fname} and last name is ${lname}` }</h1> // Template Literals

<h1>Current Date is {currDate }</h1>

<h1>Current Date is {currTime }</h1>

<h1 contentEditable=”true”>My name is Raj </h1> //jsx Attributes

<img src=”https:www.dummy.com/photo/test.png” alt=”testing” />

<img src={img1} alt=”testing” />

<a href=”[www.google.com](http://www.google.com)”>click</a>

<a href={img1} >click</a>

            </>,document.getElementById(‘root’)

        )

    );

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* PART-14 to 16 \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

\*\*\* CSS \*\*\*

Open Index.js file and paste below code:

import React from 'react';

import ReactDOM from ‘react-dom’;

import ‘./index.css’;

const topDiv={

color:”red”,

textTransform:”capitalize”,

marginTop:10px

};

    ReactDOM.render(

            <>

                <h1 className=”header”>Name is RajKumar</h1> //External css

<h1 style={topDiv}>Hello world</h1> // internal css by camelNotation

<h1 style={{color:”red”,textTransform:”capitalize”,marginTop:10px}}> Welcome Rajkumar </h1>

// inline css by camelNotation

            </>,document.getElementById(‘root’)

    );

Open Index.css file and paste below code:

.header

{

color:red;

margin-top:10px;

text-transform:capitalize;

}

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* PART-17 \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

\*\*\* good morning,afternoon, goodnight \*\*\*

Open Index.js file and paste below code:

import React from 'react';

import ReactDOM from ‘react-dom’;

let curDate = new Date(2020,5,5,14);

curDate = curDate().getHours();

let greeting = “”;

const cssStyle = { };

if(curDate >=1 && curDate < 12)

{

greeting = “Good Morning”;

cssStyle.color = ‘green’;

}

else if(curDate >=12 && curDate < 19)

{

greeting = “Good Afternoon”;

cssStyle.color = ‘orange’;

}

else

{

greeting = “Good Night”;

cssStyle.color = ‘black’;

}

    ReactDOM.render(

            <>

                <h1>Hello sir <span style={cssStyle}> { greeting } </span></h1>

            </>,document.getElementById(‘root’)

        )

    );

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* PART-18 to 19 \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

Theory on Component

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* PART-20 \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

\*\*\* import, export \*\*\*

Open Index.js file and paste below code:

import React from 'react';

import ReactDOM from ‘react-dom’;

import youtuber,{ favprog, myName, myNames } from ‘./App’;

    ReactDOM.render(

            <>

<h1>{youtuber}</h1>

                <h1>{favprog}</h1>

<h1>{myName()}</h1>

<h1>{myNames()}</h1>

            </>,document.getElementById(‘root’)

    );

Open App.js file and paste below code without any importing:

const youtuber = “you tube”

const favprog = “Powerapp”

function myName()

{

let name = ‘vinod’

return name;

}

function myNames()

{

let names = ‘vinod singh’

return names;

}

export default youtuber;

export { favprog, myName, myNames} ;

Note:

1. After importing or exporting one object, remaining objects can be importing or exporting by using { }
2. To import all objects : import \* as get from ‘./App’

And to use : get.default , get.favprog , get.myName , get.myNames

Where get is self defined wildcard and youtuber is default object

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* PART-21 \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

\*\*\* function calling \*\*\*

Open Index.js file and paste below code:

import React from 'react';

import ReactDOM from ‘react-dom’;

import { add , sub , mult , div } from ‘./App’;

    ReactDOM.render(

            <>

<h1>{add(40,4)}</h1>

<h1>{sub(40,4)}</h1>

<h1>{mult(40,4)}</h1>

<h1>{div(40,4)}</h1>

            </>,document.getElementById(‘root’)

    );

Open App.js file and paste below code without any importing:

function add(a,b)

{

let sum = a + b

return sum;

}

function sub(a,b)

{

let sub = a - b

return sub;

}

function mult(a,b)

{

let mult = a \* b

return mult;

}

function div(a,b)

{

let div = a / b

div = div.toFixed(2)

return div;

}

export { add , sub , mult , div };

Note:

1. After importing or exporting one object, remaining objects can be importing or exporting by using { }
2. To import all objects : import \* as get from ‘./App’

And to use : get.default , get.favprog , get.myName , get.myNames

Where get is self defined wildcard and youtuber is default object

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* PART-22 \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

Theory on Props

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* PART-23 \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

\*\*\* Array \*\*\*

Open Index.js file and paste below code:

import React from 'react';

import ReactDOM from ‘react-dom’;

import App from ‘./App’;

    ReactDOM.render(

            <>

<h1>{App[0]}</h1>

<h1>{App[0].sname}</h1>

            </>,document.getElementById(‘root’)

    );

Open App.js file and paste below code without any importing:

Import React from ‘react’

const App=[

{sname:”dark”, imgsource: “https:goo/h.png”, title:”welcome”},

{sname:”dark2”, imgsource: “https:goo/h2.png”, title:”welcome2”},

{sname:”dark3”, imgsource: “https:goo/h3.png”, title:”welcom3e”}

]

export default App

Note:

1. className is a reserve keyword so we can’t use this keyword for other uses.

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* PART-24 to 25 \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

\*\*\* Mapping Array – Flat Arrow Function \*\*\*

Open Index.js file and paste below code:

import React from 'react';

import ReactDOM from ‘react-dom’;

import App from ‘./App’;

function ncard(get)

{

return(

<div>

<h1>{get.id}</h1>

<h1>{get.title}</h1>

<h1>{get.sname}</h1>

</div>

)

}

    ReactDOM.render(

            <>

<h1>welcome</h1>

{ App.map(ncard) }

/\* OR

App.map(function ncard(val){ // OR App.map( (val)=> { // OR App.map( (val,index)=>

// index provides index number

return(

<div>

<h1>{get.id}</h1> // id is unique key

<h1>{get.title}</h1>

<h1>{get.sname}</h1>

</div>

) \*/ // and comment ncard function on top

})

            </>,document.getElementById(‘root’)

    );

Open App.js file and paste below code without any importing:

const App=[

{id:”1”,sname:”dark”, imgsource: “https:goo/h.png”, title:”welcome”},

{id:”2”,sname:”dark2”, imgsource: “https:goo/h2.png”, title:”welcome2”},

{id:”3”,sname:”dark3”, imgsource: “https:goo/h3.png”, title:”welcom3e”}

]

export default App

Note:

1. When we will use component to show multiple records, that condition we need to use one attribute **key** to show unique id, this is fixed keyword we can’t change it’s name.
2. For error handling/debugging right click >> inspect element >> components >> check here
3. Install react developer tool ,, add to chrome

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* PART-26 \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

\*\*\* If - else \*\*\*

Open Index.js file and paste below code:

import React from 'react';

import ReactDOM from ‘react-dom’;

//import App from ‘./App’;

const fav = “amazon”

function Test()

{

if(fav === “amazon”){

return(

<div><h1>Amazon</h1></div>

)

}

else{

return(

<div><h1>Not Amazon</h1></div>

)

}

}

    ReactDOM.render(

return(

<>

<Test />

            </>,document.getElementById(‘root’)

    );

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* PART-27 to 30 \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

Theory on Ternory operator , Emoji sense icon , Hooks

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* PART-31 \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

\*\*\* Update Time by Button \*\*\*

Open Index.js file and paste below code:

import React from 'react';

import ReactDOM from ‘react-dom’;

import App from ‘./App’;

    ReactDOM.render(

            <>

<App />

            </>,document.getElementById(‘root’)

    );

Open App.js file and paste below code without any importing:

import React,{useState} from 'react';

const App=()=>{

let newtime = new Date().toLocalTomeString()

const[cTime,setcTime] = useState(newtime)

const updateTime=()=>{

newtime = new Date().toLocalTomeString()

setcTime(newtime)

}

return(

<>

<h1>{cTime}</h1>

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

</>

)

}

export default App

Note:

1. className is a reserve keyword so we can’t use this keyword for other uses.

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* PART-32 \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

\*\*\* Delay Function \*\*\*

Open Index.js file and paste below code:

import React from 'react';

import ReactDOM from ‘react-dom’;

import App from ‘./App’;

    ReactDOM.render(

            <>

<App />

            </>,document.getElementById(‘root’)

    );

Open App.js file and paste below code without any importing:

import React from 'react';

const App=()=>{

const Update = () =>{

alert(“called”)

}

setInterval(Update,5000) //it will call every 5 second , automatically

return(

<>

<h1>Delay Function</h1>

</>

)

}

export default App

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* PART-33 to 35 \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

Theory on Event Handling, Single form field, Getting form data using Hooks

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* PART-36 \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

\*\*\* Getting form data by different method \*\*\*

Open Index.js file and paste below code:

import React from 'react';

import ReactDOM from ‘react-dom’;

import App from ‘./App’;

    ReactDOM.render(

            <>

<App />

            </>,document.getElementById(‘root’)

    );

Open App.js file and paste below code without any importing:

import React,{useState} from 'react';

const App=()=>{

const[fullName,setFullName] = useState({

fname:””,

lname:””

})

const inputEvent=(event)=>{

const value = event.target.value;

const name = event.target.name;

// const{value,name} = event.target; // we can adjust in one line code

setFullName((preValue)=>{

if(name === fName)

{

return

{

fname:value,

lname:preValue.lname

}

}

else if(name === lName)

{

return

{

fname: preValue.lname,

lname: value

}

}

})

}

const onSubmits=(event)=>{

event.preventDefault();

}

return(

<>

<form onSubmit={onSubmits} >

<h1>Hello {fullName.fname} {fullName.lname}</h1>

<input type=”text” name=”fName” placeholder=”Enter your name” value={fullName.fname} onChange={inputEvent} /><br/>

<input type=”text” name=”lName” placeholder=”Enter last name” value={fullName.fname} onChange={inputEvent} /><br/>

<button type=”submit”>Submit</button>

</form>

</>

)

}

export default App

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* PART-37 \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

Theory on Getting form data of 4 fields by different method

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* PART-38 \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

\*\*\* spread operator \*\*\*

To concatinate we use spread operator, it donotes three dots

…

Open Index.js file and paste below code:

import React from 'react';

//import ReactDOM from ‘react-dom’;

//import App from ‘./App’;

    ReactDOM.render(

return(

<>

const fullname = [“Raj”,”kumar”]

const lastname = [“singh”,”sharma”]

const biodata = [1, 15, …fullname, “google”, …fullname] // three dots is spread operator

const check = […fullname, …lastname]

const check2 = [first, …remaining] = fullname // another method, this is called array destructuring

console.log(fullname)

console.log(biodata)

console.log(check)

console.log(check2)

const obj1 = { fname:”rajesh”, lname:”gupta” }

const obj2 = { id:1, …obj1, gender:”male” }

console.log(obj2)

            </>,document.getElementById(‘root’)

    );

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* PART-39 \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

\*\*\* Getting form data of 4fields by short code using spread operator \*\*\*

Open Index.js file and paste below code:

import React from 'react';

import ReactDOM from ‘react-dom’;

import App from ‘./App’;

    ReactDOM.render(

            <>

<App />

            </>,document.getElementById(‘root’)

    );

Open App.js file and paste below code without any importing:

import React,{useState} from 'react';

const App=()=>{

const[fullName,setFullName] = useState({

fname:””,

lname:””,

email:””,

phone:””

})

const inputEvent=(event)=>{

const{value,name} = event.target; // we can adjust in one line code

setFullName((preValue)=>{

console.log(preValue)

return{

…preValue,

[name]:value,

};

})

}

const onSubmits=(event)=>{

event.preventDefault();

}

return(

<>

<form onSubmit={onSubmits} >

<h1>Hello {fullName.fname} {fullName.lname}</h1>

<h1>{fullname.email} {fullname.phone}</h1>

<input type=”text” name=”fname” placeholder=”Enter your name” value={fullName.fname} onChange={inputEvent} /><br/>

<input type=”text” name=”lname” placeholder=”Enter last name” value={fullName.fname} onChange={inputEvent} /><br/>

<input type=”text” name=”email” placeholder=”Enter your email” value={fullName.email} onChange={inputEvent} /><br/>

<input type=”text” name=”phone” placeholder=”Enter mob no” value={fullName.phone} onChange={inputEvent} /><br/>

<button type=”submit”>Submit</button>

</form>

</>

)

}

export default App

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* PART-40 \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

\*\*\* Creating todo List \*\*\*

Open Index.js file and paste below code:

import React from 'react';

import ReactDOM from ‘react-dom’;

import App from ‘./App’;

    ReactDOM.render(

            <>

<App />

            </>,document.getElementById(‘root’)

    );

Open App.js file and paste below code without any importing:

import React,{useState} from 'react';

import ToDoLists from ‘./ToDoLists’

const App=()=>{

const[inputList, setInputList] = useState(“buy Apple”)

const[items, setItems] = useState([])

const itemEvent = (event) =>{

setInputList(event.target.value)

}

const listOfItems = () => {

setItems((oldItems)=>{

return […oldItems, inputList] ;

});

setInputList(“”);

}

const deleteItems =(id) =>{

setItems((oldItems)=>{

return oldItems.filter((arrElem, index)=>{

return index !== id;

})

})

}

return(

<>

<div className=”main\_div”>

<div className=”center\_div”>

<h1>Todo List</h1>

<br/>

<input type=”text” placeholder=”Add Item” onChange={itemEvent} value={ inputList } />

<button onClick={listOfItems}>+</button>

<ol>

<li>{/\* inputList \*/}</li>

{Items.map((itemval, index)=>{

return <ToDoLists key={index} id={index} text={itemval} onSelect={deleteItems} />

}) }

</ol>

</div>

</div>

</>

)

}

export default App

Create ToDoLists.js file with in src folder and paste below code:

import React from ‘react’

const ToDoLists = () =>{

return

<>

<div className=”todo\_style”>

<span onClick={()=>{props.onSelect(props.id)}} >X</span>

<li>{ props.text }</li>

</div>

</>

}

export default ToDoLists

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* PART-41 \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

Theory on increment & Decrement value by Hooks

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* PART-42 \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

\*\*\* Using Icons \*\*\*

Install by command prompt with in folder location:

npm install @material-ui/icons

npm install @material-ui/core

OR

yarn add @material-ui/icons

yarn add @material-ui/core

Open Index.js file and paste below code:

import React from 'react';

import ReactDOM from ‘react-dom’;

import App from ‘./App’;

// here is import icon file by searching through google

    ReactDOM.render(

            <>

<App />

            </>,document.getElementById(‘root’)

    );

Open App.js file and paste below code without any importing:

const App =() =>{

return(

<>

<Deleteicon />

</>

)

}

export default App

Note:

1. className is a reserve keyword so we can’t use this keyword for other uses.

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* PART-43 \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

Theory on UI Frameworks

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* PART-44 \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

\*\*\* React digital clock \*\*\*

Install by command prompt with in folder location:

npm install react-digital-clock

Open Index.js file and paste below code:

import React from 'react';

import ReactDOM from ‘react-dom’;

import App from ‘./App’;

// here is import icon file by searching through google

    ReactDOM.render(

            <>

<App />

            </>,document.getElementById(‘root’)

    );

Open App.js file and paste below code without any importing:

//import React from ‘react’

import Clock from ‘react-digital-clock’

const App =() =>{

return(

<>

<Clock />

</>

)

}

export default App

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* PART-45 \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

Pending on creating another to do list

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* PART-46 to 47 \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

Theory on Opening terminal and installing bootstrap

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* PART-48 \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

\*\*\* Bootstrap Autocomplete Classes\*\*\*

Click on last menu of sidebar >> search “Intellisense for CSS class names in HTML” >>than install it.

Note:

When we will type class name than it will automatic appear suggestions….

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* PART-49 \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

Theory on creating design by copy paste

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* PART-50 \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

Pending on Project over creating & deleting notes

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* PART-51 to 52 \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

\*\*\* Context API and use context\*\*\*

Open Index.js file and paste below code:

import React from 'react';

import ReactDOM from ‘react-dom’;

import App from ‘./App’;

// here is import icon file by searching through google

    ReactDOM.render(

            <>

<App />

            </>,document.getElementById(‘root’)

    );

Create 3 components:

ComA.jsx , ComB.jsx, ComC.jsx

Open App.js file and paste below code without any importing:

import React,{createContext} from ‘react’

import ComA from ‘./ComA’

const FirstName = createContext(); //context API

const LastName = createContext(); //context API

const App =() =>{

return(

<>

<FirstName.Provider value={“vinod”}>

<LastName.Provider value={“Kumar”}> >

<ComA />

</LastName.Provider>

</FirstName.Provider>

<ComA />

</>

)

}

export default App // default will be held one element

export {FirstName,LastName}

Open ComA.js file and paste below code without any importing:

//import React from ‘react’

import ComB from ‘./ComB’

const ComA =() =>{

return(

<>

<ComB />

</>

)

}

export default ComA

Open ComB.js file and paste below code without any importing:

import React,{useContext} from ‘react’

import ComC from ‘./ComC’

import {FirstName,LastName} from ‘./App’

const ComB =() =>{

return(

<>

const fname = useContext(FirstName); //useContext

const lname = useContext(LastName); //useContext

<ComC />

<h1>start useContext </h1>

<h2>My name is {fname} {lname}</h2>

</>

)

}

export default ComB

Open ComC.js file and paste below code without any importing:

import React from ‘react’

import {FirstName,LastName} from ‘./App’

const ComC =() =>{

return(

<>

<FirstName.Consumer value={“vinod”}>

{(fname)=>{

return

(

<LastName.Consumer> {(lname)=>{

return <h1>Welcome {fname} {lname}</h1>

}} </LastName.Consumer>

)

}}

</FirstName.Consumer>

</>

)

}

export default ComC

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* PART-53 \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

\*\*\* useEffect Hook \*\*\*

Open Index.js file and paste below code:

import React from 'react';

import ReactDOM from ‘react-dom’;

import App from ‘./App’;

    ReactDOM.render(

            <>

<App />

            </>,document.getElementById(‘root’)

    );

Open App.js file and paste below code without any importing:

import React,{useState, useEffect} from ‘react’

const App =() =>{

const[num,setNum] = useState(0);

const[nums,setNums] = useState(0);

useEffect(()=>{

alert(“I am clicked”)

})

// when we updates any thing than render() method in index.js executes automatically.

// after executing render() method in index.js, useEffect() function executes automatically

/\* useEffect(()=>{

alert(“I am clicked”)

},[]) \*/ //it will execute only once after refreshing page

/\* useEffect(()=>{

alert(“I am clicked”)

},[num]) \*/ //it will execute automatically after clicking on first button

return(

<>

<button onClick={()=>{setNum(num+1)}}>click me {num}</button>

<button onClick={()=>{setNums(nums+1)}}>click me {num}</button>

</>

)

}

export default App

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* PART-54 \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

\*\*\* React Hook – changing value in title\*\*\*

Open Index.js file and paste below code:

import React from 'react';

import ReactDOM from ‘react-dom’;

import App from ‘./App’;

    ReactDOM.render(

            <>

<App />

            </>,document.getElementById(‘root’)

    );

Open App.js file and paste below code without any importing:

import React,{useState, useEffect} from ‘react’

const App =() =>{

const[num,setnum] = useState(0);

useEffect(()=>{

document.title=`you clicked ${num} times`

})

return(

<>

<button onClick={()=>{setnum(num+1)}}>click me {num}</button>

</>

)

}

export default App

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* PART-54 \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

\*\*\* Showing API Data\*\*\*

Open Index.js file and paste below code:

import React from 'react';

import ReactDOM from ‘react-dom’;

import App from ‘./App’;

// here is import icon file by searching through google

    ReactDOM.render(

            <>

<App />

            </>,document.getElementById(‘root’)

    );

Create 1 component Statewise.js

Open App.js file and paste below code without any importing:

import React from ‘react’

import Statewise from ‘./statewise’

const App =() =>{

return(

<>

<Statewise />

</>

)

}

export default App

Open Statewise.js file and paste below code without any importing:

import React,{useEffect,useState} from ‘react’

const Statewise =() =>{

const[data,setData] = useState([])

const getCovidData = async()=>{

const res = await fetch(‘https://api.covid19india.org/data.json’);

const actualData = await res.json();

console.log(actualData)

setData(actualData.statewise)

}

useEffect(()=>{

getCovidData();

},[]) //empty array so that useEffect() will call only once after refreshing page

return(

<>

<h1>Dashboard</h1>

<div>

<table>

<thead>

<tr>

<th>State</th>

<th>Confirmed</th>

<th>Recovered</th>

<th>Death</th>

<th>Active</th>

<th>Updated</th>

</tr>

</thead>

<tbody>

{

Data.map((curElem,ind)=>{

return(

<tr key={ind}>

<td>{curElem.state}</td>

<td>{curElem.confirmed}</td>

<td>{curElem.recovered}</td>

<td>{curElem.deaths}</td>

<td>{{curElem.active}}</td>

<td>{curElem.lastupdatedtime}</td>

</tr>

)

})

}

</tbody>

</table>

</div>

</>

)

}

export default Statewise

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* PART-55 \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

\*\*\* Showing API Data using Axios & useEffect\*\*\*

Install axios with in folder location by using below command through terminal:

**npm install axios**

Open Index.js file and paste below code:

import React from 'react';

import ReactDOM from ‘react-dom’;

import App from ‘./App’;

    ReactDOM.render(

            <>

<App />

            </>,document.getElementById(‘root’)

    );

Create 1 components:

ComA.jsx

Open App.js file and paste below code without any importing:

import React,{createContext} from ‘react’

import ComA from ‘./ComA’

const App =() =>{

return(

<>

<ComA />

</>

)

}

export default App

Open ComA.js file and paste below code without any importing:

import React,{useState} from ‘react’

import axios from ‘./axios’

const ComA =() =>{

const[num,setNum] = useState()

const[name,setName] = useState()

const[moves,setMoves] = useState()

useEffect(()=>{

async function getData()

{

const res = await axios.get(`https://pokeapi.co/api/v2/pokemon/${num}`)

console.log(res.data)

setName(res.data.name)

setMoves(res.data.moves.length)

}

getData();

})

return(

<>

<h1>You choose {num}</h1>

<h1>You choose {name}</h1>

<h1>I have {moves} moves</h1>

<select value={num} onChange={(event)=>{setNum(event.target.value)}}>

<option value=”1”> 1 </option>

<option value=”25”> 25 </option>

<option value=”3”> 3 </option>

<option value=”4”> 4 </option>

<option value=”5”> 5 </option>

</select>

</>

)

}

export default ComA

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* PART-56 \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

\*\*\* Router \*\*\*

Install router with in folder location by using below command through terminal:

**npm install –save react-router-dom**

**Note**: before **save** text it is double dash (-)

Open Index.js file and paste below code:

import React from 'react';

import ReactDOM from ‘react-dom’;

import {BrowserRouter} from “react-router-dom”

import App from ‘./App’;

    ReactDOM.render(

            <BrowserRouter>

<App />

            </BrowserRouter>,document.getElementById(‘root’)

    );

Create 3 components:

About.js , Contact.js , Error.js

Open App.js file and paste below code without any importing:

import React from ‘react’

import {Route,Switch} from “react-router-dom”

import Contact from ‘./Contact’

import About from ‘./About’

import Error from ‘./Error’

const App =() =>{

const Name = () =>{

return(

<> <h1>Hello I am name page</h1></>

)

}

return(

<>

<Switch>

<Route exact path=’/’ component={About} />

<Route exact path=’/contact’ component={Contact} />

<Route path=’/contact/name’ component={Name} />

<Route component={Error} />

</Switch>

</>

)

}

export default App

Open About.js file and paste below code without any importing:

import React from ‘react’

const About =() =>{

return(

<>

<h1>About page</h1>

</>

)

}

export default About

Open Contact.js file and paste below code without any importing:

import React from ‘react’

const Contact =() =>{

return(

<>

<h1>Contact page</h1>

</>

)

}

export default Contact

Open Error.js file and paste below code without any importing:

import React from ‘react’

const Error =() =>{

return(

<>

<h1>Error page</h1>

</>

)

}

export default Error

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* PART-57 \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

\*\*\* Router & Navbar menu\*\*\*

Install router with in folder location by using below command through terminal:

**npm install –save react-router-dom**

**Note**: before **save** text it is double dash (-)

Open Index.js file and paste below code:

import React from 'react';

import ReactDOM from ‘react-dom’;

import {BrowserRouter} from “react-router-dom”

import App from ‘./App’;

import “./index.css”

    ReactDOM.render(

            <BrowserRouter>

<App />

            </BrowserRouter>,document.getElementById(‘root’)

    );

Open Index.css file and paste below code:

.active{color:red}

Create 4 components:

About.js , Contact.js , Error.js, Menu.js

Open App.js file and paste below code without any importing:

import React from ‘react’

import {Route,Switch} from “react-router-dom”

import Contact from ‘./Contact’

import About from ‘./About’

import Error from ‘./Error’

import Menu from ‘./Menu’

const App =() =>{

const Name = () =>{

return(

<> <h1>Hello I am name page</h1></>

)

}

return(

<>

<Menu />

<Switch>

<Route exact path=’/’ component={About} />

<Route exact path=’/contact’ component={Contact} />

<Route path=’/contact/name’ component={Name} />

<Route component={Error} />

</Switch>

</>

)

}

export default App

Open About.js file and paste below code without any importing:

import React from ‘react’

const About =() =>{

return(

<>

<h1>About page</h1>

</>

)

}

export default About

Open Contact.js file and paste below code without any importing:

import React from ‘react’

const Contact =() =>{

return(

<>

<h1>Contact page</h1>

</>

)

}

export default Contact

Open Error.js file and paste below code without any importing:

import React from ‘react’

const Error =() =>{

return(

<>

<h1>Error page</h1>

</>

)

}

export default Error

Open Menu.js file and paste below code without any importing:

import React from ‘react’

import {NavLink} from “react-router-dom”

const Menu =() =>{

return(

<>

<NavLink exact activeClassName=”active” to=”/”>About page</Link>

<NavLink exact activeClassName=”active” to=”/contact”>Contact page</Link>

</>

)

}

export default Menu

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* PART-58 \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

\*\*\* React rout render method \*\*\*

Install router with in folder location by using below command through terminal:

**npm install –save react-router-dom**

**Note**: before **save** text it is double dash (-)

Open Index.js file and paste below code:

import React from 'react';

import ReactDOM from ‘react-dom’;

import {BrowserRouter} from “react-router-dom”

import App from ‘./App’;

import “./index.css”

    ReactDOM.render(

            <BrowserRouter>

<App />

            </BrowserRouter>,document.getElementById(‘root’)

    );

Open Index.css file and paste below code:

.active{color:red}

Create 5 components:

About.js , Contact.js , Error.js, Menu.js, Service.js

Open App.js file and paste below code without any importing:

import React from ‘react’

import {Route,Switch} from “react-router-dom”

import Contact from ‘./Contact’

import Service from ‘./Service’

import About from ‘./About’

import Error from ‘./Error’

import Menu from ‘./Menu’

const App =() =>{

const Name = () =>{

return(

<> <h1>Hello I am name page</h1></>

)

}

return(

<>

<Menu />

<Switch>

<Route exact path=’/’ component={()=><About name=”About” />} />

<Route exact path=’/service’ component={()=> <Service />} />

<Route exact path=’/contact’ render={()=> <Contact name=”Contact”/>} />

<Route path=’/contact/name’ component={()=> <Name />} />

/\* OR

<Route path=’/contact/name’ component={Name} />

// we have two method

\*/

<Route component={Error} />

</Switch>

</>

)

}

export default App

/\*

If we will use component keyword then it will fresh call every time, if we will use render keyword then it will call first time than it will do update

i.e. if we required props then we will use render other wise we will use component, performance of both is same.

\*/

Open About.js file and paste below code without any importing:

import React from ‘react’

const About =(props) =>{

return(

<>

<h1>About page {props.name}</h1>

</>

)

}

export default About

Open Contact.js file and paste below code without any importing:

import React from ‘react’

const Contact =(props) =>{

return(

<>

<h1>Contact page {props.name}</h1>

</>

)

}

export default Contact

Open Service.js file and paste below code without any importing:

import React from ‘react’

const Service =() =>{

return(

<>

<h1>Service page</h1>

</>

)

}

export default Service

Open Error.js file and paste below code without any importing:

import React from ‘react’

const Error =() =>{

return(

<>

<h1>Error page</h1>

</>

)

}

export default Error

Open Menu.js file and paste below code without any importing:

import React from ‘react’

import {NavLink} from “react-router-dom”

const Menu =() =>{

return(

<>

<NavLink exact activeClassName=”active” to=”/”>About page</Link>

<NavLink exact activeClassName=”active” to=”/contact”>Contact page</Link>

</>

)

}

export default Menu

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* PART-59 \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

\*\*\* useParams Hooks in React Router \*\*\*

Install router with in folder location by using below command through terminal:

**npm install –save react-router-dom**

**Note**: before **save** text it is double dash (-)

Open Index.js file and paste below code:

import React from 'react';

import ReactDOM from ‘react-dom’;

import {BrowserRouter} from “react-router-dom”

import App from ‘./App’;

import “./index.css”

    ReactDOM.render(

            <BrowserRouter>

<App />

            </BrowserRouter>,document.getElementById(‘root’)

    );

Open Index.css file and paste below code:

.active{color:red}

Create 6 components:

About.js , Contact.js , Error.js, Menu.js, Service.js, User.js

Open App.js file and paste below code without any importing:

import React from ‘react’

import {Route,Switch} from “react-router-dom”

import Contact from ‘./Contact’

import Service from ‘./Service’

import About from ‘./About’

import User from ‘./User’

import Error from ‘./Error’

import Menu from ‘./Menu’

const App =() =>{

const Name = () =>{

return(

<> <h1>Hello I am name page</h1></>

)

}

return(

<>

<Menu />

<Switch>

<Route exact path=’/’ component={()=><About name=”About” />} />

<Route exact path=’/service’ component={()=> <Service />} />

<Route exact path=’/user/:name’ component={()=> <User />} /> //name is paeameter

// <Route exact path=’/user/:name/:lname’ component={()=> <User />} /> //for multiple paeameter

<Route exact path=’/contact’ render={()=> <Contact name=”Contact”/>} />

<Route path=’/contact/name’ component={()=> <Name />} />

/\* OR

<Route path=’/contact/name’ component={Name} />

// we have two method

\*/

<Route component={Error} />

</Switch>

</>

)

}

export default App

/\*

If we will use component keyword then it will fresh call every time, if we will use render keyword then it will call first time than it will do update

i.e. if we required props then we will use render other wise we will use component, performance of both is same.

\*/

Open About.js file and paste below code without any importing:

import React from ‘react’

const About =(props) =>{

return(

<>

<h1>About page {props.name}</h1>

</>

)

}

export default About

Open Contact.js file and paste below code without any importing:

import React from ‘react’

const Contact =(props) =>{

return(

<>

<h1>Contact page {props.name}</h1>

</>

)

}

export default Contact

Open Service.js file and paste below code without any importing:

import React from ‘react’

const Service =() =>{

return(

<>

<h1>Service page</h1>

</>

)

}

export default Service

Open User.js file and paste below code without any importing:

import React from ‘react’

import {useParams} from “react-router-dom”

const User =({match}) =>{

return(

<>

<h1>User page {match.params.name}</h1> //getting value from url

</>

)

}

/\* OR

const User =() =>{

const { fname } = useParams();

// const { name,lname } = useParams(); for multiple parameter

// parameter name must be same as name of app.js file where we are passing

return(

<>

<h1>User page {name}</h1> //showing value from url

<h1>User page {name} {lname}</h1> //showing value from url

</>

</>

)

}

\*/

export default User

Open Error.js file and paste below code without any importing:

import React from ‘react’

const Error =() =>{

return(

<>

<h1>Error page</h1>

</>

)

}

export default Error

Open Menu.js file and paste below code without any importing:

import React from ‘react’

import {NavLink} from “react-router-dom”

const Menu =() =>{

return(

<>

<NavLink exact activeClassName=”active” to=”/”>About page</Link>

<NavLink exact activeClassName=”active” to=”/contact”>Contact page</Link>

</>

)

}

export default Menu

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* PART-60 \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

\*\*\* useLocation Hooks in React Router \*\*\*

Install router with in folder location by using below command through terminal:

**npm install –save react-router-dom**

**Note**: before **save** text it is double dash (-)

**Focus on user.js page**

Open Index.js file and paste below code:

import React from 'react';

import ReactDOM from ‘react-dom’;

import {BrowserRouter} from “react-router-dom”

import App from ‘./App’;

import “./index.css”

    ReactDOM.render(

            <BrowserRouter>

<App />

            </BrowserRouter>,document.getElementById(‘root’)

    );

Open Index.css file and paste below code:

.active{color:red}

Create 6 components:

About.js , Contact.js , Error.js, Menu.js, Service.js, User.js

Open App.js file and paste below code without any importing:

import React from ‘react’

import {Route,Switch} from “react-router-dom”

import Contact from ‘./Contact’

import Service from ‘./Service’

import About from ‘./About’

import User from ‘./User’

import Error from ‘./Error’

import Menu from ‘./Menu’

const App =() =>{

const Name = () =>{

return(

<> <h1>Hello I am name page</h1></>

)

}

return(

<>

<Menu />

<Switch>

<Route exact path=’/’ component={()=><About name=”About” />} />

<Route exact path=’/service’ component={()=> <Service />} />

<Route exact path=’/user/:name’ component={()=> <User />} /> //name is paeameter

// <Route exact path=’/user/:name/:lname’ component={()=> <User />} /> //for multiple paeameter

<Route exact path=’/contact’ render={()=> <Contact name=”Contact”/>} />

<Route path=’/contact/name’ component={()=> <Name />} />

/\* OR

<Route path=’/contact/name’ component={Name} />

// we have two method

\*/

<Route component={Error} />

</Switch>

</>

)

}

export default App

/\*

If we will use component keyword then it will fresh call every time, if we will use render keyword then it will call first time than it will do update

i.e. if we required props then we will use render other wise we will use component, performance of both is same.

\*/

Open About.js file and paste below code without any importing:

import React from ‘react’

const About =(props) =>{

return(

<>

<h1>About page {props.name}</h1>

</>

)

}

export default About

Open Contact.js file and paste below code without any importing:

import React from ‘react’

const Contact =(props) =>{

return(

<>

<h1>Contact page {props.name}</h1>

</>

)

}

export default Contact

Open Service.js file and paste below code without any importing:

import React from ‘react’

const Service =() =>{

return(

<>

<h1>Service page</h1>

</>

)

}

export default Service

Open User.js file and paste below code without any importing:

import React from ‘react’

import {useParams,useLocation} from “react-router-dom”

const User =() =>{

const { fname } = useParams();

// const { name,lname } = useParams(); for multiple parameter

// parameter name must be same as name of app.js file where we are passing

const location = useLocation();

console.log(location);

return(

<>

<h1>User page {name}</h1> //showing value from url

<h1>User page {name} {lname}</h1> //showing value from url

<p> My current location is {location.pathname} </p>

{

Location.pathname === `user/vinod/thapa`?<button onClick={()=>alert(`welcome`)}>Click me</button>:null

}

</>

</>

)

}

export default User

Open Error.js file and paste below code without any importing:

import React from ‘react’

const Error =() =>{

return(

<>

<h1>Error page</h1>

</>

)

}

export default Error

Open Menu.js file and paste below code without any importing:

import React from ‘react’

import {NavLink} from “react-router-dom”

const Menu =() =>{

return(

<>

<NavLink exact activeClassName=”active” to=”/”>About page</Link>

<NavLink exact activeClassName=”active” to=”/service”>Services page</Link>

<NavLink exact activeClassName=”active” to=”/user/vinod/thapa”>User page</Link>

<NavLink exact activeClassName=”active” to=”/contact”>Contact page</Link>

</>

)

}

export default Menu

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* PART-61 \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

\*\*\* useHistory Hooks in React Router \*\*\*

Install router with in folder location by using below command through terminal:

**npm install –save react-router-dom**

**Note**: before **save** text it is double dash (-)

**Focus on user.js page**

Open Index.js file and paste below code:

import React from 'react';

import ReactDOM from ‘react-dom’;

import {BrowserRouter} from “react-router-dom”

import App from ‘./App’;

import “./index.css”

    ReactDOM.render(

            <BrowserRouter>

<App />

            </BrowserRouter>,document.getElementById(‘root’)

    );

Open Index.css file and paste below code:

.active{color:red}

Create 6 components:

About.js , Contact.js , Error.js, Menu.js, Service.js, User.js

Open App.js file and paste below code without any importing:

import React from ‘react’

import {Route,Switch} from “react-router-dom”

import Contact from ‘./Contact’

import Service from ‘./Service’

import About from ‘./About’

import User from ‘./User’

import Error from ‘./Error’

import Menu from ‘./Menu’

const App =() =>{

const Name = () =>{

return(

<> <h1>Hello I am name page</h1></>

)

}

return(

<>

<Menu />

<Switch>

<Route exact path=’/’ component={()=><About name=”About” />} />

<Route exact path=’/service’ component={()=> <Service />} />

<Route exact path=’/user/:name’ component={()=> <User />} /> //name is paeameter

// <Route exact path=’/user/:name/:lname’ component={()=> <User />} /> //for multiple paeameter

<Route exact path=’/contact’ render={()=> <Contact name=”Contact”/>} />

<Route path=’/contact/name’ component={()=> <Name />} />

/\* OR

<Route path=’/contact/name’ component={Name} />

// we have two method

\*/

<Route component={Error} />

</Switch>

</>

)

}

export default App

/\*

If we will use component keyword then it will fresh call every time, if we will use render keyword then it will call first time than it will do update

i.e. if we required props then we will use render other wise we will use component, performance of both is same.

\*/

Open About.js file and paste below code without any importing:

import React from ‘react’

const About =(props) =>{

return(

<>

<h1>About page {props.name}</h1>

</>

)

}

export default About

Open Contact.js file and paste below code without any importing:

import React from ‘react’

const Contact =(props) =>{

return(

<>

<h1>Contact page {props.name}</h1>

</>

)

}

export default Contact

Open Service.js file and paste below code without any importing:

import React from ‘react’

const Service =() =>{

return(

<>

<h1>Service page</h1>

</>

)

}

export default Service

Open User.js file and paste below code without any importing:

import React from ‘react’

import {useParams,useLocation,useHistory} from “react-router-dom”

const User =() =>{

const { fname } = useParams();

// const { name,lname } = useParams(); for multiple parameter

// parameter name must be same as name of app.js file where we are passing

const location = useLocation();

const history = useHistory();

console.log(history);

return(

<>

<h1>User page {name}</h1> //showing value from url

<h1>User page {name} {lname}</h1> //showing value from url

<p> My current location is {location.pathname} </p>

{

Location.pathname === `user/vinod/thapa`?<button onClick={()=>history.goBack()}>History Back</button><button onClick={()=>history.push(“/”)}>home</button>:null

}

</>

)

}

export default User

Open Error.js file and paste below code without any importing:

import React from ‘react’

const Error =() =>{

return(

<>

<h1>Error page</h1>

</>

)

}

export default Error

Open Menu.js file and paste below code without any importing:

import React from ‘react’

import {NavLink} from “react-router-dom”

const Menu =() =>{

return(

<>

<NavLink exact activeClassName=”active” to=”/”>About page</Link>

<NavLink exact activeClassName=”active” to=”/service”>Services page</Link>

<NavLink exact activeClassName=”active” to=”/user/vinod/thapa”>User page</Link>

<NavLink exact activeClassName=”active” to=”/contact”>Contact page</Link>

</>

)

}

export default Menu

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* PART-62 \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

\*\*\* Search filter using hooks & Router\*\*\*

Install router with in folder location by using below command through terminal:

**npm install –save react-router-dom**

**Note**: before **save** text it is double dash (-)

**Focus on search.js and searchresult.js page**

Open Index.js file and paste below code:

import React from 'react';

import ReactDOM from ‘react-dom’;

import {BrowserRouter} from “react-router-dom”

import App from ‘./App’;

import “./index.css”

    ReactDOM.render(

            <BrowserRouter>

<App />

            </BrowserRouter>,document.getElementById(‘root’)

    );

Open Index.css file and paste below code:

.active{color:red}

Create 8 components:

About.js , Contact.js , Error.js, Menu.js, Service.js, User.js, Search.js, Sresult.js

Open App.js file and paste below code without any importing:

import React from ‘react’

import {Route,Switch} from “react-router-dom”

import Contact from ‘./Contact’

import Service from ‘./Service’

import About from ‘./About’

import User from ‘./User’

import Error from ‘./Error’

import Menu from ‘./Menu’

const App =() =>{

const Name = () =>{

return(

<> <h1>Hello I am name page</h1></>

)

}

return(

<>

<Menu />

<Switch>

<Route exact path=’/’ component={()=><About name=”About” />} />

<Route exact path=’/service’ component={()=> <Service />} />

<Route exact path=’/user/:name’ component={()=> <User />} /> //name is paeameter

// <Route exact path=’/user/:name/:lname’ component={()=> <User />} /> //for multiple paeameter

<Route exact path=’/contact’ render={()=> <Contact name=”Contact”/>} />

<Route path=’/contact/name’ component={()=> <Name />} />

/\* OR

<Route path=’/contact/name’ component={Name} />

// we have two method

\*/

<Route component={Error} />

</Switch>

</>

)

}

export default App

/\*

If we will use component keyword then it will fresh call every time, if we will use render keyword then it will call first time than it will do update

i.e. if we required props then we will use render other wise we will use component, performance of both is same.

\*/

Open About.js file and paste below code without any importing:

import React from ‘react’

const About =(props) =>{

return(

<>

<h1>About page {props.name}</h1>

</>

)

}

export default About

Open Contact.js file and paste below code without any importing:

import React from ‘react’

const Contact =(props) =>{

return(

<>

<h1>Contact page {props.name}</h1>

</>

)

}

export default Contact

Open Service.js file and paste below code without any importing:

import React from ‘react’

const Service =() =>{

return(

<>

<h1>Service page</h1>

</>

)

}

export default Service

Open Sresult.js file and paste below code without any importing:

import React from ‘react’

const Sresult =(props) =>{

const img = `https://source.unsplash.com/600x300/?${props.name}`;

return(

<>

<div>

<img src={img} alt=”img error” />

</div>

</>

)

}

export default Sresult

Open Search.js file and paste below code without any importing:

import React from ‘react’

import Sresult from ‘./Sresult’

const Search =() =>{

const[img,setImg] = useState(‘’);

const inputEvent=(event)=>{

const data = event.target.value;

setImg(data);

}

return(

<>

<input type=’text’ placeholder=”search any thing” value={img} onChange={inputEvent} />

{img === “” ? null : <Sresult name={img} /> }

</>

)

}

export default Search

Open User.js file and paste below code without any importing:

import React from ‘react’

import {useParams,useLocation,useHistory} from “react-router-dom”

const User =() =>{

const { fname } = useParams();

// const { name,lname } = useParams(); for multiple parameter

// parameter name must be same as name of app.js file where we are passing

const location = useLocation();

const history = useHistory();

console.log(history);

return(

<>

<h1>User page {name}</h1> //showing value from url

<h1>User page {name} {lname}</h1> //showing value from url

<p> My current location is {location.pathname} </p>

{

Location.pathname === `user/vinod/thapa`?<button onClick={()=>history.goBack()}>History Back</button><button onClick={()=>history.push(“/”)}>home</button>:null

}

</>

)

}

export default User

Open Error.js file and paste below code without any importing:

import React from ‘react’

const Error =() =>{

return(

<>

<h1>Error page</h1>

</>

)

}

export default Error

Open Menu.js file and paste below code without any importing:

import React from ‘react’

import {NavLink} from “react-router-dom”

const Menu =() =>{

return(

<>

<NavLink exact activeClassName=”active” to=”/”>About page</Link>

<NavLink exact activeClassName=”active” to=”/service”>Services page</Link>

<NavLink exact activeClassName=”active” to=”/search”>Search page</Link>

<NavLink exact activeClassName=”active” to=”/user/vinod/thapa”>User page</Link>

<NavLink exact activeClassName=”active” to=”/contact”>Contact page</Link>

</>

)

}

export default Menu

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* PART-64 \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

\*\*\* 404 Error page\*\*\*

Install router with in folder location by using below command through terminal:

**npm install –save react-router-dom**

**Note**: before **save** text it is double dash (-)

Open Index.js file and paste below code:

import React from 'react';

import ReactDOM from ‘react-dom’;

import {BrowserRouter} from “react-router-dom”

import App from ‘./App’;

import “./index.css”

    ReactDOM.render(

            <BrowserRouter>

<App />

            </BrowserRouter>,document.getElementById(‘root’)

    );

Open Index.css file and paste below code:

.active{color:red}

Create 8 components:

About.js , Contact.js , Error.js, Menu.js, Service.js, User.js, Search.js, Sresult.js

Open App.js file and paste below code without any importing:

import React from ‘react’

import {Route,Switch} from “react-router-dom”

import Contact from ‘./Contact’

import Service from ‘./Service’

import About from ‘./About’

import User from ‘./User’

import Error from ‘./Error’

import Menu from ‘./Menu’

const App =() =>{

const Name = () =>{

return(

<> <h1>Hello I am name page</h1></>

)

}

return(

<>

<Menu />

<Switch>

<Route exact path=’/’ component={()=><About name=”About” />} />

<Route exact path=’/service’ component={()=> <Service />} />

<Route exact path=’/user/:name’ component={()=> <User />} /> //name is paeameter

// <Route exact path=’/user/:name/:lname’ component={()=> <User />} /> //for multiple paeameter

<Route exact path=’/contact’ render={()=> <Contact name=”Contact”/>} />

<Route path=’/contact/name’ component={()=> <Name />} />

/\* OR

<Route path=’/contact/name’ component={Name} />

// we have two method

\*/

<Route component={Error} />

</Switch>

</>

)

}

export default App

/\*

If we will use component keyword then it will fresh call every time, if we will use render keyword then it will call first time than it will do update

i.e. if we required props then we will use render other wise we will use component, performance of both is same.

\*/

Open About.js file and paste below code without any importing:

import React from ‘react’

const About =(props) =>{

return(

<>

<h1>About page {props.name}</h1>

</>

)

}

export default About

Open Contact.js file and paste below code without any importing:

import React from ‘react’

const Contact =(props) =>{

return(

<>

<h1>Contact page {props.name}</h1>

</>

)

}

export default Contact

Open Service.js file and paste below code without any importing:

import React from ‘react’

const Service =() =>{

return(

<>

<h1>Service page</h1>

</>

)

}

export default Service

Open Sresult.js file and paste below code without any importing:

import React from ‘react’

const Sresult =(props) =>{

const img = `https://source.unsplash.com/600x300/?${props.name}`;

return(

<>

<div>

<img src={img} alt=”img error” />

</div>

</>

)

}

export default Sresult

Open Search.js file and paste below code without any importing:

import React from ‘react’

import Sresult from ‘./Sresult’

const Search =() =>{

const[img,setImg] = useState(‘’);

const inputEvent=(event)=>{

const data = event.target.value;

setImg(data);

}

return(

<>

<input type=’text’ placeholder=”search any thing” value={img} onChange={inputEvent} />

{img === “” ? null : <Sresult name={img} /> }

</>

)

}

export default Search

Open User.js file and paste below code without any importing:

import React from ‘react’

import {useParams,useLocation,useHistory} from “react-router-dom”

const User =() =>{

const { fname } = useParams();

// const { name,lname } = useParams(); for multiple parameter

// parameter name must be same as name of app.js file where we are passing

const location = useLocation();

const history = useHistory();

console.log(history);

return(

<>

<h1>User page {name}</h1> //showing value from url

<h1>User page {name} {lname}</h1> //showing value from url

<p> My current location is {location.pathname} </p>

{

Location.pathname === `user/vinod/thapa`?<button onClick={()=>history.goBack()}>History Back</button><button onClick={()=>history.push(“/”)}>home</button>:null

}

</>

)

}

export default User

Open Error.js file and paste below code without any importing:

import React from ‘react’

import {NavLink} from ‘react-router-dom’

const Error =() =>{

return(

<>

<h1>404 Error page</h1>

<NavLink to=”/”>goback</NavLink>

</>

)

}

export default Error

Open Menu.js file and paste below code without any importing:

import React from ‘react’

import {NavLink} from “react-router-dom”

const Menu =() =>{

return(

<>

<NavLink exact activeClassName=”active” to=”/”>About page</Link>

<NavLink exact activeClassName=”active” to=”/service”>Services page</Link>

<NavLink exact activeClassName=”active” to=”/search”>Search page</Link>

<NavLink exact activeClassName=”active” to=”/user/vinod/thapa”>User page</Link>

<NavLink exact activeClassName=”active” to=”/contact”>Contact page</Link>

</>

)

}

export default Menu

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* PART-65 \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

\*\*\* Redirect to 404 Error page\*\*\*

Install router with in folder location by using below command through terminal:

**npm install –save react-router-dom**

**Note**: before **save** text it is double dash (-)

Open Index.js file and paste below code:

import React from 'react';

import ReactDOM from ‘react-dom’;

import {BrowserRouter} from “react-router-dom”

import App from ‘./App’;

import “./index.css”

    ReactDOM.render(

            <BrowserRouter>

<App />

            </BrowserRouter>,document.getElementById(‘root’)

    );

Open Index.css file and paste below code:

.active{color:red}

Create 8 components:

About.js , Contact.js , Error.js, Menu.js, Service.js, User.js, Search.js, Sresult.js

Open App.js file and paste below code without any importing:

import React from ‘react’

import {Route,Switch,Redirect} from “react-router-dom”

import Contact from ‘./Contact’

import Service from ‘./Service’

import About from ‘./About’

import User from ‘./User’

import Error from ‘./Error’

import Menu from ‘./Menu’

const App =() =>{

const Name = () =>{

return(

<> <h1>Hello I am name page</h1></>

)

}

return(

<>

<Menu />

<Switch>

<Route exact path=’/’ component={()=><About name=”About” />} />

<Route exact path=’/service’ component={()=> <Service />} />

<Route exact path=’/user/:name’ component={()=> <User />} /> //name is paeameter

// <Route exact path=’/user/:name/:lname’ component={()=> <User />} /> //for multiple paeameter

<Route exact path=’/contact’ render={()=> <Contact name=”Contact”/>} />

<Route path=’/contact/name’ component={()=> <Name />} />

/\* OR

<Route path=’/contact/name’ component={Name} />

// we have two method

\*/

//<Route component={Error} />

<Redirect to=”/” />

</Switch>

</>

)

}

export default App

/\*

If we will use component keyword then it will fresh call every time, if we will use render keyword then it will call first time than it will do update

i.e. if we required props then we will use render other wise we will use component, performance of both is same.

\*/

Open About.js file and paste below code without any importing:

import React from ‘react’

const About =(props) =>{

return(

<>

<h1>About page {props.name}</h1>

</>

)

}

export default About

Open Contact.js file and paste below code without any importing:

import React from ‘react’

const Contact =(props) =>{

return(

<>

<h1>Contact page {props.name}</h1>

</>

)

}

export default Contact

Open Service.js file and paste below code without any importing:

import React from ‘react’

const Service =() =>{

return(

<>

<h1>Service page</h1>

</>

)

}

export default Service

Open Sresult.js file and paste below code without any importing:

import React from ‘react’

const Sresult =(props) =>{

const img = `https://source.unsplash.com/600x300/?${props.name}`;

return(

<>

<div>

<img src={img} alt=”img error” />

</div>

</>

)

}

export default Sresult

Open Search.js file and paste below code without any importing:

import React from ‘react’

import Sresult from ‘./Sresult’

const Search =() =>{

const[img,setImg] = useState(‘’);

const inputEvent=(event)=>{

const data = event.target.value;

setImg(data);

}

return(

<>

<input type=’text’ placeholder=”search any thing” value={img} onChange={inputEvent} />

{img === “” ? null : <Sresult name={img} /> }

</>

)

}

export default Search

Open User.js file and paste below code without any importing:

import React from ‘react’

import {useParams,useLocation,useHistory} from “react-router-dom”

const User =() =>{

const { fname } = useParams();

// const { name,lname } = useParams(); for multiple parameter

// parameter name must be same as name of app.js file where we are passing

const location = useLocation();

const history = useHistory();

console.log(history);

return(

<>

<h1>User page {name}</h1> //showing value from url

<h1>User page {name} {lname}</h1> //showing value from url

<p> My current location is {location.pathname} </p>

{

Location.pathname === `user/vinod/thapa`?<button onClick={()=>history.goBack()}>History Back</button><button onClick={()=>history.push(“/”)}>home</button>:null

}

</>

)

}

export default User

Open Error.js file and paste below code without any importing:

import React from ‘react’

import {NavLink} from ‘react-router-dom’

const Error =() =>{

return(

<>

<h1>404 Error page</h1>

<NavLink to=”/”>goback</NavLink>

</>

)

}

export default Error

Open Menu.js file and paste below code without any importing:

import React from ‘react’

import {NavLink} from “react-router-dom”

const Menu =() =>{

return(

<>

<NavLink exact activeClassName=”active” to=”/”>About page</Link>

<NavLink exact activeClassName=”active” to=”/service”>Services page</Link>

<NavLink exact activeClassName=”active” to=”/search”>Search page</Link>

<NavLink exact activeClassName=”active” to=”/user/vinod/thapa”>User page</Link>

<NavLink exact activeClassName=”active” to=”/contact”>Contact page</Link>

</>

)

}

export default Menu

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* PART- 66 to 83 \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

Pending