**13. ReactJS-HOL**

The objective of this HandsOn is to practice React component creation and conditional rendering within a React application named ‘bloggerapp’.

**Steps followed :**

1. Created the React App –

I created a new React app ‘bloggerapp’ using command :

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1. Opened the Project in VS Code –

Using command in command prompt :

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1. Components used –

Inside the src folder, we created 5 .js files :

1. Created CourseDetails.js :

function CourseDetails() {

const courses = [

{ name: 'Angular', date: '4/5/2021' },

{ name: 'React', date: '6/3/20201' },

];

return (

<div>

<h1>Course Details</h1>

{courses.map((course, index) => (

<div key={index}>

<h2>{course.name}</h2>

<h3>{course.date}</h3>

</div>

))}

</div>

);

}

export default CourseDetails;

1. Created BookDetails.js –

function BookDetails(props) {

const { books } = props;

return (

<div>

<h1>Book Details</h1>

{books.map((book) => (

<div key={book.id}>

<h3>{book.bname}</h3>

<h4>{book.price}</h4>

</div>

))}

</div>

);

}

export default BookDetails;

1. Created BlogDetails.js –

function BlogDetails() {

const blogs = [

{

title: 'React Learning',

author: 'Stephen Biz',

desc: 'Welcome to learning React!',

},

{

title: 'Installation',

author: 'Schwezdenier',

desc: 'You can install React from npm.',

},

];

return (

<div>

<h1>Blog Details</h1>

{blogs.map((blog, index) => (

<div key={index}>

<h2>{blog.title}</h2>

<h4><strong>{blog.author}</strong></h4>

<p>{blog.desc}</p>

</div>

))}

</div>

);

}

export default BlogDetails;

1. Updated App.js –

import './App.css';

import CourseDetails from './CourseDetails';

import BookDetails from './BookDetails';

import BlogDetails from './BlogDetails';

const books = [

{ id: 101, bname: 'Master React', price: 670 },

{ id: 102, bname: 'Deep Dive into Angular 11', price: 800 },

{ id: 103, bname: 'Mongo Essentials', price: 450 },

];

function App() {

return (

<div className="main-container">

<div><CourseDetails /></div>

<div><BookDetails books={books} /></div>

<div><BlogDetails /></div>

</div>

);

}

export default App;

1. Updated App.css –

.App {

text-align: center;

}

.App-logo {

height: 40vmin;

pointer-events: none;

}

@media (prefers-reduced-motion: no-preference) {

.App-logo {

animation: App-logo-spin infinite 20s linear;

}

}

.App-header {

background-color: #282c34;

min-height: 100vh;

display: flex;

flex-direction: column;

align-items: center;

justify-content: center;

font-size: calc(10px + 2vmin);

color: white;

}

.App-link {

color: #61dafb;

}

@keyframes App-logo-spin {

from {

transform: rotate(0deg);

}

to {

transform: rotate(360deg);

}

}

.main-container {

display: flex;

justify-content: space-around;

padding: 40px;

font-family: Arial, sans-serif;

}

.main-container > div {

border-left: 4px solid green;

padding-left: 20px;

width: 25%;

}

h1 {

font-size: 24px;

font-weight: bold;

margin-bottom: 15px;

}

h2 {

font-size: 20px;

font-weight: bold;

margin: 10px 0 5px;

}

h3, h4 {

margin: 0 0 10px;

}

p {

margin-bottom: 15px;

}

1. Ran the App –

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1. Output –

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