**CTS DIGITAL NURTURE - 4.0 JAVA FSE**

**WEEK 7 -** **React**

**13.ReactJS-HOL**

* **Implement conditional rendering in React applications**

**PROGRAM:**

**App.js**

import React from 'react';

import BookDetails from './BookDetails';

import BlogDetails from './BlogDetails';

import CourseDetails from './CourseDetails';

import './App.css';

function App() {

  return (

    <div className="container">

      <div className="section">

        <CourseDetails />

      </div>

      <div className="section divider">

        <BookDetails />

      </div>

      <div className="section">

        <BlogDetails />

      </div>

    </div>

  );

}

export default App;

**App.css**

.container {

  display: flex;

  justify-content: space-between;

  padding: 20px;

}

.section {

  width: 30%;

  padding: 10px;

}

.divider {

  border-left: 2px solid green;

  border-right: 2px solid green;

}

**BookDetails.js**

import React from 'react';

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 BookDetails() {

  return (

    <div>

      <h2>Book Details</h2>

      <ul>

        {books.map(book => (

          <li key={book.id}>

            <strong>{book.bname}</strong> — {book.price}

          </li>

        ))}

      </ul>

    </div>

  );

}

export default BookDetails;

**BlogDetails.js**

import React from 'react';

const blogs = [

  {

    id: 1,

    title: 'React Learning',

    author: 'Stephen Biz',

    description: 'Welcome to learning React!'

  },

  {

    id: 2,

    title: 'Installation',

    author: 'Schewzdenier',

    description: 'You can install React from npm.'

  }

];

function BlogDetails() {

  return (

    <div>

      <h2>Blog Details</h2>

      <ul>

        {blogs.map(blog => (

          <li key={blog.id}>

            <strong>{blog.title}</strong><br />

            <em>Author:</em> {blog.author}<br />

            <p>{blog.description}</p>

          </li>

        ))}

      </ul>

    </div>

  );

}

export default BlogDetails;

**CourseDetails.js**

import React from 'react';

const courses = [

  { id: 1, name: 'Angular', date: '4/5/2021' },

  { id: 2, name: 'React', date: '6/3/2021' }

];

function CourseDetails() {

  return (

    <div>

      <h2>Course Details</h2>

      <ul>

        {courses.map(course => (

          <li key={course.id}>

            <strong>{course.name}</strong><br />

            <em>{course.date}</em>

          </li>

        ))}

      </ul>

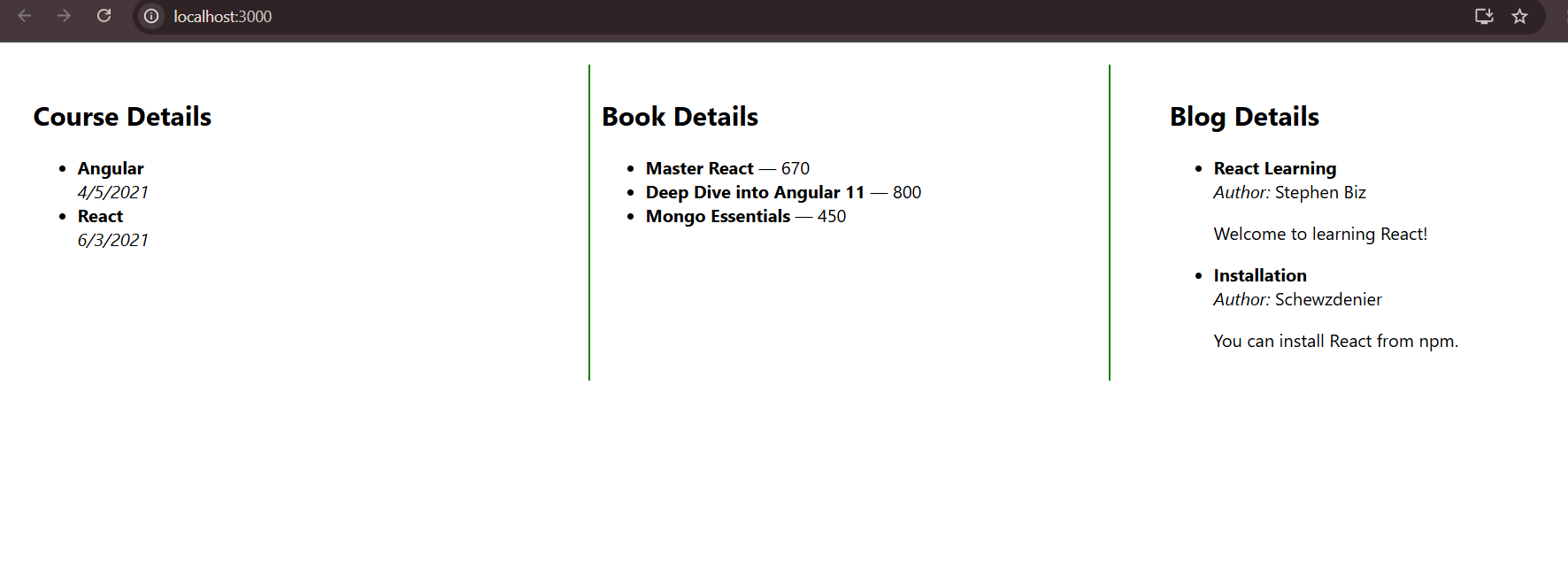
    </div>

  );

}

export default CourseDetails;

**OUTPUT:**

****