ASSINGMENT 2

Ques1: Create a simple React component that returns JSX with the following:

* 1. A heading element (<h1>) that says "Welcome to JSX!"
  2. A paragraph (<p>) with a brief description of what JSX is.
  3. A button that, when clicked, logs a message in the console.

Ans:

import React from "react";

const Click = () => {

console.log("Button clicked! JSX makes UI easy!");

};

return (

<div>

<h1>Welcome to JSX!</h1>

<p>JSX allows you to write HTML-like syntax in JavaScript, making it easier to build React components.</p> <button onClick={Click}>Click Me</button> </div> );

};

export default App;

**Ques2**: Write a React component that accepts two numbers as props and returns the sum inside an HTML <div>. Use JSX expressions inside the return statement?

Ans:

import React from "react";

const Sum = ({ num1, num2 }) => {

return (

<div>

<h2>Sum of {num1} and {num2} is: {num1 + num2}</h2>

</div>

);

};

export default App;

**Ques3**: Write a React component that renders an unordered list (<ul>) of your favorite movies. Use an array and map() to render each movie as a list item (<li>)?

Ans:

import React from "react";

const Movies = () => {

const movies = ["Bahubali", "Chaava", "MOM", "Pushpa", "Mrs."];

return (

<div>

<h2>My Favorite Movies</h2>

<ul>

{movies.map((movie, index) => (

<li key={index}>{movie}</li>

))}

</ul>

</div>

);

};

export default App;