**Question: Conditional Rendering**

**Code:**

**App.js**

import React from 'react';

function App() {

  // JSX in variable

  const message = <h1 style={{ color: 'blue' }}>Welcome to JSX Demo</h1>;

  // Nested JSX

  const nested = (

    <div>

      <h2>This is nested JSX</h2>

      <p>Using HTML-like tags in React</p>

    </div>

  );

  // JSX attributes

  const image = (

    <img

      src="https://reactjs.org/logo-og.png"

      alt="React Logo"

      width="200"

    />

  );

  return (

    <div style={{ textAlign: 'center', marginTop: '30px' }}>

      {message}

      {nested}

      {image}

      <p>2 + 3 = {2 + 3}</p>

      <p>{true ? "JSX allows logic!" : "No logic"}</p>

    </div>

  );

}

export default App;

**index.js:**

import React from 'react';

import ReactDOM from 'react-dom/client';

import App from './App';

const root = ReactDOM.createRoot(document.getElementById('root'));

root.render(

  <React.StrictMode>

    <App />

  </React.StrictMode>

);

**Output:**

