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| --- | --- |
| HTML | JSX |
| <!-- HTML -->  <div>Hello, World!</div> | // JSX  <div>Hello, World!</div> |
| <!-- HTML -->  <img src="image.jpg" alt="A sample image"> | // JSX  <img src="image.jpg" alt="A sample image" /> |
| <!-- HTML -->  <ul>  <li>Item 1</li>  <li>Item 2</li>  </ul> | // JSX  <ul>  <li>Item 1</li>  <li>Item 2</li>  </ul> |
| <!-- HTML -->  <button class="btn primary">Click me</button> | // JSX  <button className="btn primary">Click me</button> |
| <!-- HTML -->  <button onclick="alert('Button clicked!')">Click me</button> | // JSX  <button onClick={() => alert('Button clicked!')}>Click me</button> |
| <!DOCTYPE html>  <html>  <head>  <title>Simple Form</title>  </head>  <body>  <form>  <label for="name">Name:</label>  <input type="text" id="name" name="name" required /><br /><br />    <label for="email">Email:</label>  <input type="email" id="email" name="email" required /><br /><br />    <label for="message">Message:</label>  <textarea id="message" name="message" rows="4" cols="50" required></textarea><br /><br />    <input type="submit" value="Submit" />  </form>  </body>  </html> | import React from 'react';  function SimpleForm() {  return (  <div>  <form>  <label htmlFor="name">Name:</label>  <input type="text" id="name" name="name" required /><br /><br />    <label htmlFor="email">Email:</label>  <input type="email" id="email" name="email" required /><br /><br />    <label htmlFor="message">Message:</label>  <textarea id="message" name="message" rows="4" cols="50" required></textarea><br /><br />    <input type="submit" value="Submit" />  </form>  </div>  );  }  export default SimpleForm; |
| We import React because JSX needs to be transpiled into JavaScript, and React is required for this. | |