**Explain React components**

**React components** are small, reusable pieces that make up a website or app. Like building with LEGO blocks, you put them together to create the whole page.

**Difference: Components vs JavaScript Functions**

* **Components**: Built for making user interfaces (webpages), return visual content (HTML).
* **JavaScript Functions**: Can do anything (math, logic), don’t return page layouts by default.

**Types of React Components**

1. **Class Components** – Use old-school JavaScript classes, have more features.
2. **Function Components** – Just use functions, simpler and used most today.

**Class Component (Explain)**

A class component is written like a JavaScript class. It can have its own data (state), and special methods (like componentDidMount) to control behavior. Example:

javascript

**class** MyComponent **extends** React.Component {

*// code here*

}

**Function Component (Explain)**

A function component is a normal JavaScript function that returns what the webpage looks like. It's simpler and easier to write. Example:

javascript

**function** MyComponent() {

**return** <h1>Hello!</h1>;

}

**Define Component Constructor**

The **constructor** is a special function inside a class component. It sets up the starting data (state) when the component is made.

**Define render() function**

The **render()** function is part of a class component. It returns the HTML (or JSX) that should show up on the screen. Without it, nothing gets displayed.