

1. How does JSX differ from HTML?

Jsx is stricter and can display dynamic information. While HTML can be directly interpreted by the browser, Jsx need to be compiled into standard js.

2. Why is JSX used in React?

For user friendly syntax and readability. it allow us to write HTML-like code within js.

3. Can you embed JavaScript expressions in JSX? If so, how? yes.

```
function printName(){  
  const name='gelilla';  
  return ( <h1>this is {name}'s page</h1>);  
}
```

4. How do you write comments in JSX?

```
{/*your comment here */}
```

5. Explain the significance of curly braces {} in JSX.

curly braces allow us to bring js logic and variables into our markup.

6. Can JSX be directly rendered to the DOM?

No, it needs to be compiled into standard js so the browser can understand it.

Babel transpilation is one of the tools used for compilation.

7.What is the purpose of Babel in relation to JSX?

To convert jsx to JavaScript so the web can understand it.

