

HTML vs JSX

In HTML, this is allowed to write self-closing tags without closing tags e.g. `
` can be `
`.

In JSX, this is not allowed. All tags must be closed.

In JSX, all tags can be self-closed e.g. `<div />` instead of `<div> </div>`

In HTML, `<script></script>` tag is needed to write Javascript within HTML page .

In JSX, `{ }` braces are needed to write Javascript expression ex:

```
<li> Total Sum = {1+2}</li>  
<p> {'HI'.toLowerCase()}</p>
```

JSX is like writing HTML within JavaScript .
so certain HTML attributes like class are keywords in
JavaScript. So "className".

All JSX attributes needs the camelCase naming
convention. So background-color becomes
backgroundColor

In HTML inline css styling is allowed and written within element like `<h1 style="color:green;text-align:center;">This is a text content</h1>`

In JSX, inline css is done using object as below

```
const sayHi= function() {  
  const textStyles = {  
    color:"red",  
    fontSize:"12px"  
  }  
  
  return <p style={textStyles }>Hi User!</p>;  
}
```

or

write the object directly in the style attribute as below

```
<h3 style={{color:"red", fontSize:"12px"}}>Hello there!</h3>
```



Indian Palm Squirrel

<https://www.linkedin.com/in/vishwanathchiniwar/>