

## Day 23



### Changing HTML Classes using JavaScript: className and classList

#### **What is a Class in HTML?**

A class is used to style or identify an element.

Example:

```
<p class="red">Hello</p>
```

#### **1. className (Basic Method)**

##### **Definition**

className gets or sets the entire class attribute as a plain string.

##### **Meaning**

Setting className replaces all existing classes.

##### **Example**

```
element.className = "highlight";
```

#### **2. classList (Modern and Better Method)**

##### **Definition**

classList provides a list of all classes on the element and allows you to add, remove, toggle, or check classes.

##### **classList Methods (Simplified)**

Method	What it does
add()	Adds a class
remove()	Removes a class
toggle()	Adds if missing, removes if present
contains()	Checks if the class exists
replace()	Replaces one class with another

## **Simple Examples**

### **Using className**

```
<div id="box">Hello</div>
```

```
<script>  
document.getElementById("box").className = "blue";  
</script>
```

This sets the class to exactly "blue".

### **Using classList.add()**

```
element.classList.add("active");
```

### **Using classList.remove()**

```
element.classList.remove("active");
```

### **Using classList.toggle()**

```
element.classList.toggle("dark");
```

### **Using classList.contains()**

```
element.classList.contains("active"); // true or false
```

### **Using classList.replace()**

```
element.classList.replace("old", "new");
```

--The End--