

## if else statement in js

The **if else** statement in JavaScript is a control structure that allows you to create branching logic in your code. It's used when you want your program to take different actions based on whether a certain condition is true or false. The **if else** statement consists of two parts: the **if** block and the **else** block.

Here's the basic structure of the **if else** statement:

```
if (condition)
{ // Code to execute if the condition is true
}
else
{ // Code to execute if the condition is false
}
```

- The **condition** is an expression that is evaluated to either **true** or **false**.
- The code inside the curly braces **{}** after the **if** keyword will be executed if the condition is **true**.
- If the condition is **false**, the code inside the curly braces **{}** after the **else** keyword will be executed.

Here's an example to illustrate the usage of the **if else** statement:

```
let temperature = 25; // Suppose the temperature is 25 degrees Celsius
if (temperature > 30)
{ console.log("It's a hot day!"); // This code will not be executed
}
else
{ console.log("It's a pleasant day!"); // This code will be executed
}
```

In this example, the **temperature** is 25, which is not greater than 30. Therefore, the condition (**temperature > 30**) is false, and the code inside the **else** block is executed. As a result, "It's a pleasant day!" will be printed.