

Conditionals

If You Know What A Conditional Is....Then You Will Do Great!

WEB PROGRAMMING FUNDAMENTALS

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Conditional

- A conditional allows a script to make a decision based on criteria you have specified, and run a different statement block based on the outcome of that decision.
- Choose whether to run a block of code or not
- Choosing between blocks of code



Basic If Statement

```
if(true)
{
    doSomething();
}
```

- The contents of the parenthesis will be evaluated to a Boolean value, either true or false.
- If the condition is true, then the statement block runs, otherwise, it is ignored.



If Else

- In the event you want different code to run when a condition is not true, that code can be placed in an else statement.

```
if(false)
{
    doSomething();
}
else
{
    doSomethingElse();
}
```



Multiple Conditions

```
if(a == 5)
{
    doSomething();
}
else if(a == 6)
{
    doSomethingElse();
}
else
{
    doAnotherThing();
}
```

- else if allows you to evaluate a second condition ONLY if the first condition was false.
- You can use a series of multiple else if statements and the script will keep evaluating each until one is true.
- Only one statement block will be executed.



Ternary Operators

- Simplified Code For If Else
- (condition to be met) ? True Code : Else Code
- `(a >= b) ? console.log("True") : console.log("False");`