

Lets Code: Strings, Numbers and Comparisons

Adding to the toolbox

Variables!



Strings

Strings are simply a sequence of characters, including spaces, number and symbols

Think words and sentences

When you see quotes....THINK STRING!

'This is a string in Python'

"This is also a string in Python"



Displaying Output



JUST PRINT IT!

In order to send information to stdout, in javascript we log it!

```
console.log("string")
```



String + String

String Concatenation

The operation of joining
strings together
end-to-end



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How do we concatenate?

Just Add Them
Together!

`"String1" + "String2" = "String1String2"`



What about variables inside of strings

```
first_name = "Aaron"
```

```
last_name = "Brooks"
```

```
"Hello my name is first_name last_name"
```



String interpolation

is a process
substituting values
of variables into
placeholders in a
string.

Template Literals

```
let name = "Aaron"
```

```
console.log("My name is " + name)
```

String Methods

Built in functions to help you get stuff done.

https://www.w3schools.com/js/js_string_methods.asp



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Checking the length of a string

We can check how many characters make up a string using the length property.

```
Let ourString = "Hello World"
```

```
Let stringLength = ourString.length
```

```
console.log(stringLength)
```

```
11
```



Math Operators

Addition	+
Subtraction	-
Multiplication	*
Division	/
Modulus	%
Increment	++
Decrement	--



#Logic



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Let's Compare - Comparison Operators

●	==	Equality	5 == 5	True	5 == 6	False
●	!=	Inequality	5 != 5	False	5 != 6	True
●	>	Greater Than	5 > 4	True	5 > 6	False
●	<	Less Than	5 < 4	False	5 < 6	True
●	>=	Greater than/Equal	5 >= 5	True	5 >= 4	True
●	<=	Less than/Equal	5 <= 5	True	5 <= 6	True

This....That....or the other

IF something is
true

ELSE IF is true

ELSE



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