



HTML



**Let's
code!**



Variables

◀ Containers for storing data

var

DATATYPE	EXAMPLE
String	"Any text"
Number	123.45, 5, 3.00
Boolean	true or false
Null	null
Undefined	undefined
Symbol	Symbol('something')
Object	{key: 'value'} [1, "text", false] function name() { }

Variable



a

=

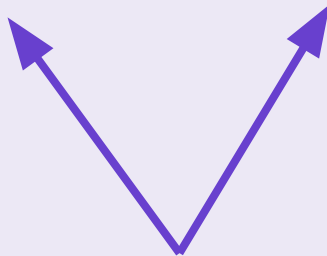
7

+

"2"

var

Keyword / Reserved
Word



Operators

OPERATORS

Operator	Description
+	Addition
-	Subtraction
*	Multiplication
**	Exponentiation (<u>ES2016</u>)
/	Division
%	Modulus (Division Remainder)
++	Increment
--	Decrement

Operator	Example	Same As
=	x = y	x = y
+=	x += y	x = x + y
-=	x -= y	x = x - y
*=	x *= y	x = x * y
/=	x /= y	x = x / y
%=	x %= y	x = x % y
**=	x **= y	x = x ** y

OPERATORS

Operator	Description
==	equal to
===	equal value and equal type
!=	not equal
!==	not equal value or not equal type
>	greater than
<	less than
>=	greater than or equal to
<=	less than or equal to
?	ternary operator

Operator	Description
&&	logical and
	logical or
!	logical not

Conditional Statements

if

If condition is true, execute code

else

If previous condition is false, execute code

else if

If first condition is false, test new condition

**Perform
different actions
based on
different
conditions**

Functions

Block of code that
performs a particular
task

```
function name(parameter1, parameter2, parameter3) {  
    // code to be executed  
}
```

```
function suma(num1, num2){  
    return num1 + num2;  
}
```