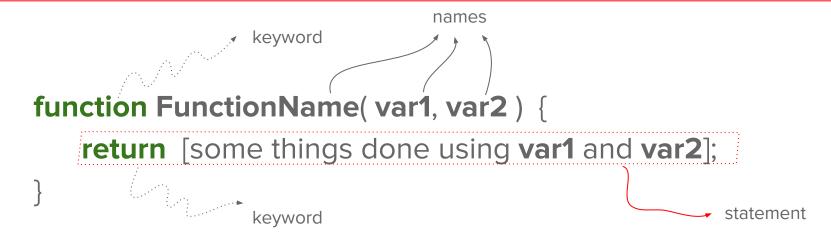


What is a language made up of?

WORDS ————— NAMES, RESERVED NAMES and NUMBERS

SENTENCES — STATEMENTS

Functions



Names of 3 things here:

- 1. The function itself
- 2. var1, and
- 3. Var2

Rules:

- Names need to start with a letter
- Can have numbers or letters
- 3. Cannot be the same as keywords.

Examples

```
function add(x, y) {
    return x+y;
function numOfHandshakes( nPeople) {
    return nPeople * (nPeople - 1) / 2;
function sumFrom1ToN( n ) {
    return n * (n + 1) / 2;
```

"CALLING" a function

Functions are made with "variables".

So you can set different VALUES to them.

When you do, that's called CALLING the function.

E.g.

add(10, 20);

numOfHandshakes(20);

"CALLING" a function

Every call to a function MUST return a <u>value</u>.

E.g.

add(30, 40) will return 70

numHandshakes(5) will return 10

Sending Output to the Screen #1

console.log(<whatever you want to output>);

(Don't forget the semi-colon;)

Program to calculate the speed of a car

Program to calculate the average marks of a student

How fast will a car be?