

Data types, Numbers, Operators, Comments

Objective

- Understand what data type is
- Understand the differences between ints and floats
- Work with simple mathematical operators
- Add Comments to your code

Data Type

A data type is a classification of data which tells the interpreter how the programmer intends to use the data.

Most programming languages support various types of data, including integer, real, string and Boolean etc.

Ints and floats

int represents integer	float represents real numbers
5	6.1
57	3.33
-10	-2.45
0	0.0

Common math operators

*	Multiply
/	Divide
+	Add
-	Sub
**	Exponentiation
%	Modulo
//	Integer Divison

Order of operators

Parentheses --- ()

Exponents (Power of) --- **

Multiplication --- *

Division ---- /

Addition ---- +

Subtraction ---- -

Comments

Are just a way for us to write little notes instead of our code that won't actually be run.

symbol to comment

Why:

Remind you of things

Other developers will understand what's happening