

KNOWLEDGE ORGANISER :: PYTHON PSEUDOCODE

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Outputting To The Screen	<pre>print("Hello World!") print('Hello World!')</pre>
Taking Input From User	<pre>name=input("Please type in your name : ") name=input('Please type in your name')</pre>
Casting	<pre>str(3) int("3") float("3.14")</pre>
Selection	<pre>if entry == "a" then print("You selected A") elseif entry == "b" then print("You selected B") else print("I did not recognise your selection") endif</pre>
Iteration- Count Controlled	<pre>for i = 0 to 7 print("Hello World!") next i</pre>
Iteration- Condition Controlled	<pre>while answer != "computer" answer=input("What is the correct password? ") endwhile</pre>
Adding Comments to Code	<pre># This is a comment line in my code</pre>

MATH OPERATORS

Operator	Description	Example	Output
+	Addition	7 + 3	10
-	Subtraction	7 - 3	4
*	Multiplication	7 * 3	21
/	Division	7 / 3	2.333335

KEY TERMS

Algorithm	A program created to solve a problem
Variable	Part of the program code created to store data The data can be changed
Constant	Part of the program code created to store data The data is not changed while the program is running
Data Type	The type of data being store in a variable or constant (int, float, bool)
Casting	Changing one type of data into another
Operator	Math (+ - / *) or Logical (> < = !=)
Comment	Using a # to add explanations and annotations to your code
Integer	Number with no decimal places
Floating Point / Real	Number with a decimal place
Boolean	True or False / Yes or No