Self-Evaluation 1 - Variables, Conditions, If, Input/Output

Self-Evaluation Ratings

How do I rate myself? This helps you decide what needs practice.

0 - I am not at all confident on this skill. I may not understand the question, or I understand the question but can't remember much about the code.

1 - I know what this means and I remember doing it. I can't remember exactly how, and I would be slow figuring out how to do it again.

2 - I could do this easily without my notes, or I could do it reasonably quickly with notes or a code example. I'm confident I understand it. I can visualize most of the code syntax in my head.

Example	0	1	2
Can declare a variable to hold numbers			
Can declare a variable to hold words			

Coding Concepts

0 - Struggling   1 - Learning   2 - Confident

	0	1	2
What is source code?			
What does compile mean?			
Explain what order code runs in. What happens first? What happens next?			
What is a code bug?			
What does debug mean?			
How do you run your code after writing it?			

	0	1	2
What is a syntax error?			
How do you know which line of code has a syntax error?			
What is pseudocode?			
List 3 strategies you can use to plan your code.			
What is a test case?			

Variables and Data Types

0 - Struggling   1 - Learning   2 - Confident

	0	1	2
What data types store numbers? List at least 3.			
What data type stores a single letter?			
What data type stores words or sentences?			
How do you declare a variable?			
How do you assign a value to a variable?			
What data type holds a true-false value?			

	0	1	2
How do you add to the value stored in a variable?			
What punctuation symbol does mathematical division?			
What punctuation symbol does multiplication?			
How do you change the order of operations in a math formula?			
What do ++ and -- do?			
What is casting?			

Keyboard Input and Screen Output   0 - Struggling   1 - Learning   2 - Confident

	0	1	2
What is the difference between print and println?			
What code sets up the ability to get information from the keyboard?			
How do you store the value that the person typed in?			
How do you print a message on screen with a variable's value in the middle of it?			

	0	1	2
What character makes the cursor move from the right side of a line down to the next line starting on the left?			
What's the difference between keyboardscanner.nextLine() vs keyboardscanner.next() ?			
How do you print a blank line between paragraphs?			

Conditions and If Statements

0 - Struggling   1 - Learning   2 - Confident

	0	1	2
A block of code in an "if" statement runs when the condition is _____?			
An "if" statement might also have an otherwise block. What keyword denotes the otherwise section in code?			
How would you write code to test whether x is no more than 9 and either f or g is bigger than 7?			
What is (3 + 1 > 3) ?			

	0	1	2
What punctuation indicates AND? What indicates OR? What indicates NOT?			
k = true; m = false; e = true; What is (k and (m or e))?			
What is (true and false) ?			
What is (true or false) ?			
Why do we use "if" statements in code?			

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Count Your Score

Topic	Yours	Total
Coding Concepts		22
Variables		24
Keyboard and Screen		14
Conditions and If		18
Total		*78*