1. When should you use each of the following…

   int: hold values that are whole numbers

   float: hold values that are decimal numbers

   double: hold values that are really big decimal numbers

2. Create and initialize a variable of any type called numberOfCoders and set it equal to the number of people in the room:
   int numberOfCoders = 7; // Other answers could be valid

3. What grammatical syntax is commonly found at the end of a statement in C, C++, and Objective-C? semi-colon (;)

4. What is an if-statement? Please show an example.
   An if-statement is a conditional, if the condition is true, an action is taken.
   if x == 1 then {print("x is 1")}

5. What is a for-loop? Please show an example.
   A for-loop allows an action to be repeated a certain number of times
   for var index = 0; index < 3; ++index {print("index is \(index)")} // lots of variations

6. What is a pointer? Please show an example.
   A pointer is a reference to the address of an object (the * creates the pointer below)
   NSString *nameString = @"Tom";

7. Please fill in the following table…

Operator	Purpose
+	Add two numbers together
-	Subtract one number from another
=	Assign a value to a variable
==	Compare two numbers to see if they are equal
>=	Compare two numbers to see if the first is greater than the second
!=	Compare two numbers to see if they are not equal
&&	Logically group two true/false statements where both must be true
||	Logically group two true/false statements where only one must be true
+=	Add a number to a variable and place the result in that variable