CMPS 4143 – Contemporary Programming Languages NAME _____
Homework 2 (12 points)
Due: Monday, Sep. 14, 2020 (Day of the Exam)

Investigate the following differences in C++ and C#.

		C++	C#
1	Can two variables refer to the same memory location?		
2	Can you have constant arrays or structs?		
3	When is a value assigned to a constant? (run-time or compile-time)		
4	Are there predefined constants? If so, what are some?		
5	When declaring a variable (and not initializing it), is it given a default value?		
6	Does the language have enumerated types?		
7	What are the Boolean operations?		
8	Are Boolean values ordered?		
9	Can Boolean values be redefined? That is, can you say `int true = 5;`		
10	Can you copy an array with an assignment operator (without overloading it)?		
11	Is there a pointer type?		
12	Are Boolean expressions short circuited?		

Note: If you cannot find the answer in the text or on the web, you can always write a short test program in C# to check it out.