1. What are all possible values of a Boolean expression?
   1. True or false
2. List eight Boolean operators.
   1. ==,!==,<,>,🡸,>== , &&,||.

3. What is the general concept of short circuiting? This question has a short and simple answer and you

do not need to have a detailed response.

Complex Boolean logic should be placed on the right do to it might give you a false response.

4. What are the difference in how short circuiting works for && and ||?

* 1. The && on the left could read wrong were II could be read wrong on the right.

5. Look at the list of operators. What operator has the highest precedence? Which has the lowest?

Highest = (), lowest = subtract sign

6. In an if or else construction using multiple lines of code, what effect does the use of curly braces have?

Indicates a block of statements

7. In a switch statement, what happens if you omit break?

Must have something but can be replaced with throw or return.

8. (Not in book) What is a recursive method? Using a language you know (such as English), write a

recursive method that adds up the integers in a list of integers. The input to the method is a list of

integers and the output is a scalar value representing a sum.

It calls itself. The Fibonacci sequence.

9. (Not in book) Read a short summary of De Morgan's laws.

A. states that the statement one is the weather is doing some thing of not snowing or raining, and that in the context of 2 locations its not snowing or raining. AnB is equal to AuB.

b. the same but in reverse AuB is equal to AnB