**CHAPTER 3**

**Using Boolean Expressions**

**SELF-TEST QUESTIONS 3.1**

1. If brackets are omitted what is the order of precedence for Boolean expression?
2. What is a Boolean expression?
3. If I have the Boolean expression **x + 3 > 2 | | x + 1 < - 3** and the value of **x** is **-2** what would be the result?
4. If I have the expression (x >= 0) && ( y/x == 2) would it result to an error if x=0, since C++ division by zero (i.e. y/x)? Explain your answer whether Yes or No.
5. Can we use an integer value for a Boolean type? Explain your answer whether Yes or No.
6. What is the result of non-zero value for Boolean?
7. If I have the expression ((!5 && 0) || -2) && !0) , what would be the result? Break down your answer.
8. What do you need to do before using the ! operator?
9. Declare an enumeration type named **COMCampus** and which values are all the name of the campuses for COM.
10. If I have enum Direction { NORTH, SOUTH = 7, EAST, WEST}; what would be the values for North, East and West respectively?