Reflection Debugging Process

* There were many errors surrounding the logical states of order. Mainly with where variables were declared and if the correct type was written correctly.
* When you look at the code and the everything is written logically and is written in a way that is easy to read. When things range from the declaration of variables down the the output of the code.
* I would make sure the program ran without any problems and then go through to check for logical errors that go against the expected outcome.

Expressions Evaluation (Assessment)

* 4 + 5 \* 6 + 7/8

first you multiple 5 and 6 which gives you 30

next, divide 7 and 8 to get 0 because were are using integers so there is only whole numbers.

then you add 4 plus 30 + .875 = 34

* 4 + 5 \* 6 < 7/8

first you multiple 5 and 6 to get 30

next, you add 4 and 30 to get 34 and divide 7 and 7 to get because of dealing with integers, not doubles or floats 0

finally you evaluate the equation which comes out to 34 < 0 which is a false statement because 34 is not less than 0

the expression is false.

* 4 + 5 > 6 && 7 < 8

first evaluate 4 + 5 to get 9

then , check to see if the statement 9 > 6 is true, which it is

and then evaluate the second statement which is 7 is less than 8

the equation is 7 < 8 which is also true so the expression is true.

* 1 && 0

The statement says that 1 and 0 are equal to each other with is not true so that makes this expression false.