**CSCI 2302 Test 1**

**Practice Test**

1. Declare & assign a 2D int array that has 3 rows and 5 columns.
2. How many elements are in a 3 x 5 array?
3. How many loops are needed to process an array of [3][2][4][5] size?
4. OOP stands for?
5. What is the difference between a primitive variable and a reference variable?
6. Explain data encapsulation.
7. Explain class abstraction.
8. Static variables versus instance variables.
9. Be able to understand Strings, StringBuilders, regex.
10. Given an UML diagram be able to code the class, use the methods.
11. What are the relationships between classes that we have discussed and the symbols?