**Study Topics for Midterm I, CMSC203**

Four general types of questions:

* Write a class or method
* Given a class or method, what is the output
* Fill in the blank
* Explain your answer

1. Understand what Java identifiers are valid/invalid.
2. Know the syntax of switch statements.
3. Know the syntax of imports, Scanner, and Random.
4. Understand the String methods.
5. Know the syntax of the conditional (ternary) operator.
6. Follow the order of a code snippet.
7. Follow code to report syntax and run-time errors.
8. Trace some code to find the results.
9. Write a method that involves summing values and selecting the output.
10. Trace several methods to find a result.
11. Write a class definition, including setters and getters and a constructor.
12. Write a method that returns an appropriate value.
13. Understand the scope and availability of instance variables.
14. Know what “overloaded” methods are.
15. Equals vs == method; string methods.
16. Trace some code to find results.
17. Trace code and then write code to get a certain result
18. Understand the ! operator