Review for Test 2

* Consider the results brought back to calller.
** Consider type compatibility between argument and parameter.
*** Static variable and overloading are discussed in class but not in this test.

Covered materials:
O: http://www.cis.temple.edu/~jiang/cis1068g.ppt
M: http://www.cis.temple.edu/~jiang/cis1068h.ppt
A: http://www.cis.temple.edu/~jiang/cis1068i.ppt

Covered topics:
1. P277: Static Method definition (M9), and call (M13-14)
2. P291: Parameter (M31), and call (M32-40) **
3. P339-345: Object, value, and array (M49-51) *
4. P277: Return (M58-59) **
5. P296-298, P390-400: Static method (A19), instance method (A25, A29).
6. P389-390: Instance variable & static variable (A45).
7. P375-377, P384: Constructor, a special instance method (no return, public, class name, A14-15)
8. P296-298: Private and public modifier (A5)
9. P302-305: Accessor and mutator (A9)
10. P400-408: Math class and Wrapper class (A36-39)
11. String & char (4, 6, 7, 14, 16, 17)
12. Array (6, 7, 8, 9, 10, 14-16, 17, 18-20, 23-24, 26-27, e.g., min, max, avg, total, etc)
13. Loop: study handout, in order to solve the problems, quizzes 4 & 5 (15, 21, 23, 25-31, 41-47, 70-75)
14. Decision making (15, 19, 23, 29).
15. I/O (14, 17, 29, 37, 46, 51, 63, 64, 65, 66, 72)

Type of questions

1. Trace
- Value passing
- Value return (array, return, object, and return)
- Instance method, constructor, etc
2. Short program
- Display
- Calculation
- String
3. Challenge