**Take-Home: Quiz 1 (15 pts) – Introduction to Computer Programming**

**Print out, and provide your solutions to your TA in lab during the week of January 25th!**

1. (3 pts) Why do we study algorithms in computer science? Explain.
2. (3 pts) Is the following an algorithm? Why or why not?
   1. Apply small amount of shampoo to hair
   2. Work into scalp for about 1 minute
   3. Rinse thoroughly
   4. Repeat
3. (3 pts) What is the Software Development Method?
4. (3 pts) Why do we write programs in languages such as *C*, instead of directly writing them in *machine* language?
5. (3 pts) What is the purpose of the main() function in every C program?