

Quiz #1

1. (1 point) What is your name? (For full credit, you must clearly write both your first name and your last name. You may look at your ID card if you need to.)
2. (1 point) What section are you in, and what is your TA's name? (It is not cheating to raise your hand and ask if you don't remember!)
3. (3 points) Convert the decimal (base 10) number 53 into binary (base 2).
4. (3 points) Convert the binary number 11101 into decimal.
5. (2 points) What is the name of the IDE that we will be using this semester?
6. (2 points) Name an advantage that primary memory has over secondary memory.
7. (2 points) Name an advantage that secondary memory has over primary memory.
8. (2 points) How many bytes are in a gigabyte?
9. (2 points) What is the definition of the term *byte*?

10. (1 points) What does CPU stand for?

11. (3 points) Name three things that the operating system takes care of for you.

12. (2 points) Write a *single statement* that declares a variable of type `long` called `apples`.

13. (2 points) Write a *single statement* that declares a variable of type `double` called `velocity`, and initializes it with the value `42.77`.

14. (2 points) Write a *single statement* that declares three `String` variables called `x`, `y`, and `z`.

15. (2 points) Two styles for Java comments were shown in class. Using each style once, write two comments that say "I love Java".