Coding Tips

- All statements end with semicolons
  - digitalWrite(LED1, HIGH);
- All open parentheses/curly braces end with closing
  - void func()
    {
        delay(1000);
    }
- Double forward slash (//) and forward slash-asterisk-asterisk-forward slash (/* */) are for commenting
  - // Comment   /* Another Comment */
- Picture functions and variables in code like algebra
- Algebra
  - f(x) = 2x + 4 is a function
  - x is a variable
  - x = 3
    - 3 is the value stored in the variable
  - f(x=3) = 2(3) + 4
    - Passing x into the function
  - f(x=3) = 10
    - 10 is the output of the function
- Code
  - int my_func(int x){return 2*x + 4;} is a function
  - int x is a variable on type "integer"
  - x = 3
    - 3 is the value stored in the variable
  - my_func(x)
    - Passing x into the function
  - my_func(x) = 10
    - 10 is returned from the function