

Chem 191 | Functions Worksheet

Name:

Instructions: Complete this worksheet along with Exercise 4 in the Teensy Workbook.

Grading: This assignment counts for 15 points toward your lab grade.

Submitting: Before you leave today, turn in a hardcopy of this assignment to your instructor and an electronic copy of your Arduino code to Dropbox with the “Exercise 4 - Functions - Code” Link.

Filename Example: name1-name2_functions.ino

1. In your own words, define what a function is as it relates to programming.

2. Draw a block diagram for code that would read an analog signal, write its value to the serial port, and blink an LED. Your diagram should show:
 - The function to read the signal.
 - The function to print the data to the serial port.
 - The function(s) to blink an LED.

3. Make sure you complete and turn in your code from Exercise 4 before you leave class.