

# CS 12 - Lab 1

## Introduction and Formatting Output

This lab is about formatting output. You will also be learning (or remembering) about the system that you will be using to do your work for this class. Be sure to include all necessary information at the top of the program and use good commenting and style throughout your program.

Write a C++ program that converts miles to kilometers. The formula for the conversion is shown below. Read in 10 mile values and convert these values to kilometers. Your program should output two columns, miles and kilometers. Your columns should be titled and the corresponding values should be nicely formatted. You should not print any spaces explicitly.

$$\textit{kilometers} = \textit{miles} * 1.609$$

Rewrite the above program using printf to format your output.

If you have any questions, please ask. You should leave the lab knowing how to do the following:

1. Log into the computer.
2. Send email.
3. Explore the internet.
4. Print out assignments from the internet.
5. Use Visual C++ to write, compile, and run a program.
6. Turn in an assignment.
7. Print out the proof of turn in page.