# ECE 275 - Project 0

**zyLab:** Project 0

**Due**:11 Sep 2018, 11:00 AM

*Please read the instructions regarding submission instructions and formatting of submission materials.*

# Usage

This program echoes a word differently, depending on the word that is passed in. Usage:

echoer [word]

# Requirements Summary

The inputted word should be echoed back to the terminal. If the word is Ping it should be echoed as the following with a newline at the end.

Give me a Ping. One Ping only, please.

# Assignment Name

The assignment name for this assignment is: echoer

# Command Line Arguments

Your program must be capable of utilizing a command line argument to specify the input word. Although the presented program has a limit of 32 characters, your program should be able to work with whatever length of string is provided by the command line arguments. Your program must ensure the user has correctly provided the required command-line arguments and display a usage statement if the provided arguments are incorrect.

The program should accept exactly one command-line argument. If the word passed in as an argument does not match Ping, the argument should just be echoed with a newline. If the user does not provide exactly one command-line argument, a usage statement should be printed according to the Usage section above (with a newline at the end). The matching to Ping is case-specific, and the output printed for these words should be carefully compared with that given in the Requirements Summary.

# Modification of Existing Project

Use the template provided on the course website to bootstrap your project. Modify the main function to consider the number of parameters and print a usage statement as appropriate, rather than using scanf. You are permitted to resubmit any files written by the instructor, as an exception to the Code of Academic Integrity for this assignment only.

# Alpha Submission

The course website has three files available on the Resources tab, listed under Project 0.

* main.c
* process.h
* process.c

Upload your files to zyLab.