

Project Assignment 2

CS590-01 Summer 2016

Due: July 19, 2016

Assignment will be submitted through Canvas.

As before, you need include a Makefile, then tar and gzip your files and upload the gz file.

Goal: In this assignment you will write a command line processor (i.e., your own shell), which is capable of running other programs. Your shell should be able to read a command from its command line and process the command.

Assignment Details

1. Enter a command processing loop and display the prompt for your shell (something like **CS590-sh>**. Your shell can display whatever prompt name you want, but it must end in a **>** (for example, **mysh>** or **foosh>** or whatever else)
2. Allow the user to enter a command.
3. Parse the input and use `fork` and `exec` to create a process to execute the command.
4. A command of `exit` should cause the shell to quit.

Name your main program file `mysh.c`.

Your program must be able to be compiled using `gcc` under Linux.