

1. Introduction

The coding exam has some special rules:

1. You may **NOT**:
 - a. Ask TA for help on any implementation
 - b. Use any other people's (except your) previous code or resources
 - c. Use online web pages or any search engine
2. You may:
 - a. Use any of your old code, course textbooks, pdfs and slides.
 - b. Use `man` page.
 - c. Use a calculator (but not a phone or smart device)
 - d. Ask for clarification on the requirements on the exam
 - e. Use `gdb`.

2. Requirements

- The working environment will be on Linux.
- There will be at least five coding questions.
- Make sure the program inputs/outputs match any given sample input/output
- You need to know how to use `gcc` to compile the files.
- You need to know how to use `script` command in Linux to create a script that captures the output of the program.
- You need to know how to tarball files with `tar` command.

3. Submission

You have two hours to complete the assignment. Before the end of those two hours, you must submit a tarball of your work by sending email to the TA and me. Follow the naming style `cse_firstname_lastname_challenge.tar.gz`.

You need at least:

- source code (`.c`)
 - script files (`.script`) generated by `script` command
- in the tarball file