

Lab 1 - Exercise – All sections

Unix Commands, vi/vim and typescripts

CS 262 – Spring 2022

The main purpose of this exercise is to practice some basic Unix commands, how to create and save a C using vi/vim, use the gcc compiler to create an executable; and how to create a typescript file.

Description

- Use the vi/vim editor to create a C program named: LE1.c with this content:

```
/* This is a C program coded by <name> */
#include<stdio.h>
int main(){
    printf("Hello, I'm <name> and I <something you like about you>\n");
    return 0;
}
```

Replace:

<name>	by your name or nickname
<something you like about you>	by one adjective, skill, etc. you like about you

- Create a typescript named "LE1Script"
- Create a copy of your LE1.c file named LE1_<username>_<lab>.c
- Show the files, directories, etc. of your path working directory
- Show your path working directory
- Clear the screen
- Create a directory named LE1
- Move your LE1_<username>_<lab>.c inside the LE1 directory
- Remove the LE1.c file
- Go inside the directory LE1
- Show the content of LE1_<username>_<lab>.c
- Use gcc to create and executable of your LE1_<username>_<lab>.c file named LE1
- Run the executable LE1
- Change the directory to go up (i.e. come back to the home directory)
- Show the content inside your LE1 directory
- Remove the LE1 directory (be aware that it's not empty)
- End the script command
- Change the name of your script LE1Script to LE1_<username>_<lab>
- Submit your exercise 1 (LE1_<username>_<lab>) to Blackboard