ECE 282 Lab 3

1. Command practice and warmups

- Use man pages to know more about the following programs or functions. Include a one line explanation for all the following in the report.

a) who

b) whoami

c) cp

d) rm

e) open()

f) read()

g) fgets()

h) fputs()

i) lseek()

j) perror()

k) getchar() vs getch()

- Search man pages for the following key words

a) who

b) whoami

c) cp

d) rm

2. Exercise to be submitted

1. Write `append` program. This program must be able to accept two arguments which are as destination and source files. Then, the content of the source file must be appended to the destination file. The program must also accept `--help` argument, in which case, would show some help instructions regarding its functionalities and synopsis.

   In case destination file does not exist, it must be created. In case source file does not exist, the program should indicate and print an error message accordingly and exit. In case no argument is given, the program should indicate the error.

   The order of arguments to be fed into the program is as follows:

   ```
   ./append destination source
   ./append --help
   ```

You can use the source codes that are available on Canvas.

Upload the source code (.c file) of your program to the Canvas.

Note: Source file name must be one file, named `append.c`

Note: The program must be compiled with no error.