CSCE 326 Assignment 2

Due: February 25, 2019 by class time on BeachBoard

In this assignment we learn how to use Linux system function fork() to develop a simple terminal.

Here is the program requirements:

1- Calling your program executable will create a shell prompt as below:
   a. /current_dir/some_folder/>>>
      This can be done by calling command pwd (if you don't know the command please test it on your Linux terminal and read the manual
2- User can enter either of this commands
   a. cp source_file dest_file
   b. ls –l
   c. cd ..   or cd /some_folder/
   d. kill pid
3- To test kill command you can run another program such as top on another terminal and get its pid and use it in your terminal.
4- Sample input and output will be uploaded in Beachboard nextweek.

The submission format and rules (for more detail see the coding guideline):

1- I will provide a make file for your project to work with.
2- On top of your code you need to have proper description header.
3- In the code if needed add inline description as comments.
4- All function requires comments before the header of the function describing the functionality of the function.