

## CSCE 326 Assignment 2 – Updated - 1

**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. `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.