**Course: COMP-8567**
**Assignment 02**
**Due date Friday Feb 18, 11.59 pm**


Write a Bash script named **monitor.sh** that continuously monitors user processes and sends you an email whenever any user process has more than 6 descendants.

The body of the email should be in the following format and should contain the following information:


Time                          //At which >6 descendants was detected
ProcessID


Desc1PID   PPID   Level   //level=1 indicates child node, Level =2 indicates grandchild etc.
Desc2PID   PPID   Level   //PPID=Parent ID of the descendent process
….
DescnPID   PPID   Level


The shell script should also maintain a log (log.txt) and append it **every 5 minutes** with general information on the current user processes running in the shell. Additionally, whenever the script sends an email, the contents of the email should also be recorded in the log.


**Submission**
You are required to submit monitor.sh and log.txt (after reasonably testing your script and recording its working)