Lab 2

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Q4:

I find the process id of both P1s by using ps -u m15islam and found 21547 and 21731 respectively.  
To kill both P1s I used kill -SIGSTOP 21547 and kill -SIGSTOP 21731 and resumed the program using SIGCONT command. For terminating both P1s I used kill -SIGTERM 21547 and kill -SIGTERM 21731.

Q5:

I tried the command kill -99 21731 and found the output as invalid signal specification because it does not correspond to the named signal.

Q6:

I compiled and ran the program P2.c then every time I pressed Ctrl+C it shows “I don’t thins so” as an output.  
Then in the second window I found the PID as 22083 and used “kill -SIGTERM 22083” to terminate P2.c

Q7:

I compiled and ran P3.c and found it’s PID as 22318.   
By using P3 I can not terminate P2.  
To terminate it I had to edit the code in p3.c to write SIGTERM then it terminated.

Q8:

SIGINT: This signal is used when an user wants to interrupt a process.  
SIGTERM: This signal is usually used to terminate a process on a Unix system. But it does not work for the all sort of process.  
SIGKILL: This signal is also used to terminate a process but unlike SIGTERM it can stop any process.