Punjab University College of Information and Technology System Programming

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SP Lab # 09

June 28, 2018

QUESTION 1 (05)

Write C-LOC to **ignore** these signals: SIGINT, SIGFPE, SIGQUIT, SIGSTP, SIGHUP

QUESTION 2 (05)

Write a program in which you have to create a child process which child is in infinite loop. Parent process have to send a *kill signal* to it.

QUESTION 3 (05)

Write a program in which you have to create a function with name of "mySignalHandler". In this function you have to print specified signal sent to the process. You have to handle these signals in it.

SIGINT, SIGFPE, SIGQUIT, SIGSTP, SIGHUP, SIGKILL

QUESTION 4 (10)

This task is related to *signal set*. For this you must be familiar with the functions on *slide#54*. You have to first block any of the above signals for some seconds and then deliver to the process.

QUESTION 5 (5)

CRONJOB: Create a simple .c file which prints some text on screen. You have to create a *crontab entry* which executes this file in working days (Mon-Fri) at 3:00 PM. ② ③ → ∴