

Unix System Programming Lab Internals questions - Jan- May 2018

Sl. No.	Question
1.	Write a C program a. to read first 20 characters from a file b. seek to 10th byte from the beginning and display 20 characters from there c. seek 10 bytes ahead from the current file offset and display 20 characters d. display the file size
2.	Write a C program to implement ls -li command which list the files in a specified directory. Your program should Print 5 attributes of files.
3.	C program to simulate copy command by accepting the filenames from command line. Report all errors.
4.	Write a C program to demonstrate race condition among parent and child processes.
5.	Write a C program such that it initializes itself as a daemon Process.
6.	Write a C program (use signal system call) i. which calls a signal handler on SIGINT signal and then reset the default action of the SIGINT signal ii. Which ignores SIGINT signal and then reset the default action of SIGINT signal