

QUESTION 1 (05)

Write a program in C language in you have to communicate a message from parent to child process using a pipe. The parent process will write data into the pipe and child process will simply read data from the pipe and print on the screen.

QUESTION 2 (05)

Write a program in C language in which now the parent and child both can communicate with each other through pipes. The parent can also send data to the child and child can also send data to its parent and both can print data on the screen.

QUESTION 3 (05)

Write a program in C language that will implement the following command

- `man ls | grep ls | wc -l`

For that purpose you need to use `dup`, `execlp` and `fork` system calls.

QUESTION 4 (05)

Write a program in C language to verify that signal set mask and/or signal disposition (ignore and handler) inherit in child process.