

Operating Systems

LAB 6

Process Creation, Execution and Termination

Task1:

Write a C program that executes `ls -l` command in the child process. Parent process shall wait for the child process.

Task2:

- a. Write a C program that finds the max of an array.
- b. Write a C program that creates a child process and executes the above program in child process. Parent shall wait for the child process.

Task3:

Create a fan of N processes. Take N as input from the user. Make sure there are no orphan processes.

Task4:

Create a chain of N processes. Take N as input from user. Make sure there are no orphan processes.