

Using argc and argv as command line arguments

[main.c](#)

Process management

[processes.c](#) Why do we have “**Endforktest.**” twice.

[processes1.c](#) **PARENT: My parent's PID is 1576.** Find out the parent of **PARENT** by using “**ps u**” command.

[processes2.c](#) Describe the function of **sleep(10)**; systemcall.

[processes3.c](#) **Describe the function of wait(&status)**; systemcall.

[procinterleave.c](#) An example of commandline arguments with fork() systemcall.

[exec1.c](#) The exec family of functions replaces the current process image with a new process image. Give the command “**man exec**” to investigate.

[exec2.c](#) **execl** is used as a child process.

Study the example we described in the class. [fork.c](#)

Investigate the following [program](#) for creating 3 processes where first process is the parent of the second one and the second process is the parent of the third one. Study the followings;

- Print the pid and parent pid of each process.
- What is the parent pid of the first process?
- Print the group id of the processes.
- Do they belong to the same group?
- Run the program in two different terminal windows.
- Do you get same group id in all terminals?