

Process Management

ps	Display currently active processes
ps aux	ps with details of active processes

References: http://linuxcommand.org/lc3_man_pages/ps1.html

Program for Creating a Process using fork()

```
#include<stdio.h>
#include<sys/types.h>
#include<sys/wait.h>
#include<unistd.h>
#include<stdlib.h>

int main()

{
    pid_t pid;  int status;
    pid = fork();

    if (pid<0)
        printf("Fork Failed");

    else if (pid==0)
    {
        printf("This is a child process\n");
        execlp("cal", "cal", NULL);
        printf("\n child process ID=%d\n", getpid());
        exit(0);
    }

    else
    {
        printf("\nThis is a Parent process");
        printf("\n Parent process ID=%d\n", getpid());
        pid=wait(&status);
        printf ("\n I waited for the child: %d\n", pid);
        printf("\n child completed");
    }
}
```