

1. See the sample program uploaded. Copy it as a C programme, compile it and execute it. Read up about the system calls used in the program, and write a short text document (in a maximum of five sentences) about what all that program does. Write another small program that uses `fork()`, in C or C++. (Upload this today).
2. Write a program to implement `cp` command in linux using `open()`, `read()`, `write()` system calls. Source and destination file names should be taken as command line arguments.
3. Implement "`ls -l`" command using `stat` system call. Read the filename as a command line argument.
4. Write a program to print version number of your Linux OS and further hardware details including `sysname`, `release`, `version` and `processor`, using `uname()` system call.
5. Implement `du` (disk usage) command using `fstat` system call.