

1. username@hostname:current dic cd
2. mv origin dest
3. find . -name "*.c"
4. change the file permission of test.txt to 537 (r-x-wxrw)

```
dgy@dgy-ubuntu ~/g/o/qemu-5.0.0> ps -a
      PID TTY          TIME CMD
    69525 pts/1        00:00:18 v2ray
    102916 pts/3        00:00:20 a.out
    102990 pts/4        00:00:00 ps
dgy@dgy-ubuntu ~/g/o/qemu-5.0.0>
```

```
dgy@dgy-ubuntu ~/g/o/qemu-5.0.0> ps -la
F S    UID      PID     PPID    C PRI   NI ADDR SZ WCHAN  TTY          TIME CMD
0 S    1000     69525     2689    0  80    0  - 1264255 futex_ pts/1        00:00:18 v2ray
0 R    1000    102916    102360  99  80    0  -   622  -      pts/3        00:00:58 a.out
4 R    1000    103076    102979    0  80    0  -  3895  -      pts/4        00:00:00 ps
dgy@dgy-ubuntu ~/g/o/qemu-5.0.0>
```

```
dgy@dgy-ubuntu ~/g/o/qemu-5.0.0 [SIGINT]> ./a.out
^Zfish: Job 3, './a.out' has stopped
dgy@dgy-ubuntu ~/g/o/qemu-5.0.0 [SIGINT]> fg
Send job 3 (./a.out) to foreground
^C<
dgy@dgy-ubuntu ~/g/o/qemu-5.0.0> fg
```

6.

```
dgy@dgy-ubuntu ~/g/o/qemu-5.0.0> qemu-system-riscv64 --version
QEMU emulator version 5.0.0
Copyright (c) 2003-2020 Fabrice Bellard and the QEMU Project developers
dgy@dgy-ubuntu ~/g/o/qemu-5.0.0> qemu-system-riscv64 --machine virt --nographic --bios default

OpenSBI v0.6

Platform Name       : QEMU Virt Machine
Platform HART Features : RV64ACDFIMSU
Platform Max HARTs   : 8
Current Hart        : 0
Firmware Base       : 0x80000000
Firmware Size       : 120 KB
Runtime SBI Version  : 0.2

MIDELEG : 0x00000000000000222
MEDELEG : 0x0000000000000b109
PMP0    : 0x0000000008000000-0x000000008001ffff (A)
PMP1    : 0x0000000000000000-0xffffffffffffffff (A,R,W,X)
```

7. ctrl a + x

```
dgy@dgy-ubuntu ~/g/o/qemu-5.0.0 [2]> riscv64-linux-gnu-gcc -v
Using built-in specs.
COLLECT_GCC=riscv64-linux-gnu-gcc
COLLECT_LTO_WRAPPER=/usr/lib/gcc-cross/riscv64-linux-gnu/12/lto-wrapper
Target: riscv64-linux-gnu
Configured with: ../src/configure -v --with-pkgversion='Ubuntu 12.2.0-3ubuntu1' --with-bugurl=file:///usr/share/doc/gcc-12/README.Bugs --enable-languages=c,ada,c++,go,d,fortran,objc,obj-c++,m2 --prefix=/usr --with-gcc-major-version-only --program-suffix=-12 --enable-shared --enable-linker-build-id --libexecdir=/usr/lib --without-included-gettext --enable-threads=posix --libdir=/usr/lib --enable-nls --with-sysroot=/ --enable-clocale=gnu --enable-libstdcxx-debug --enable-libstdcxx-time=yes --with-default-libstdcxx-abi=new --enable-gnu-unique-object --disable-libitm --disable-libquadmath --disable-libquadmath-support --enable-plugin --enable-default-pie --with-system-zlib --enable-libphobos-checking=release --without-target-system-zlib --enable-multiarch --disable-werror --disable-multilib --with-arch=riscv64gc --with-abi=lp64d --enable-checking=release --build=x86_64-linux-gnu --host=x86_64-linux-gnu --target=riscv64-linux-gnu
--program-prefix=riscv64-linux-gnu- --includedir=/usr/riscv64-linux-gnu/include
Thread model: posix
Supported LTO compression algorithms: zlib zstd
gcc version 12.2.0 (Ubuntu 12.2.0-3ubuntu1)
```

8.

9. pdf 0

10. 不允许，都会，1次当次0 2次课程0 无保研（）