CS302 Lab1 Report

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1.


```
[username]@[machine-name]:[workdir]$ [command]
```

use the `cd` (change directory) command to switch the path, for example:

```
cd /    # to root
cd ..   # move up one dir
cd ~    # to user's home dir
cd -    # to the previous dir
```

2.


```
mv [oldname] [newname]
```

3.


```
find . -name "*.c"    # spec dir
find *.c              # equivalent
```

4.

Treat `537` as octoal form, we can transform it to binary as `101 011 111`, which is corresponding to the previledge `r-x-wxrwx`

- for current *user* and *owner*, it is *readable, non-writeable, executable*
- for *group*, it is *non-readable, writeable, executable*
- for other, it is *readable, writeable, executable*

5.

6.

after correctly configed the `PATH`, simply use the below command to run a riscv64 VM without graphic card.

```
qemu-system-riscv64 --machine virt --nographic --bios default
```

7. use `ctrl+a+x` command to terminate/quit the qemu VM.

8.

9. The report should be submitted in *pdf* format. The first time a report is submitted in other format, it

will be treated as a normal report and be graded, but after that, the report will be graded as zero.

10. Plagiarism is not allowed. The penalties below will be applied to **both** plagiarist and plagiarized once caught:

- If an undergraduate assignment is found to be plagiarized, the first time the score of the assignment will be 0.
- The second time the score of the course will be 0.
- Cannot receive any recommendation for postgraduate admission exam exemption and all other academic awards…