

## OS Assignment 1

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1. the free software foundation is a non-profit organization that supports the free software movement. Linux is similar in the sense that linux was also made to provide a free software experience for every one who wants to use it, to use.
2. the shell is a terminal type program that is used to encrypt online communications. The shell work with the kernel by interpreting commands send in by the user and processesing them so the kernal can execute the instructions
3. Linux is writting in "C". Linux is popular because it's language has more complex code that can be written, meaning you can do more complex things.
4. `cd /bin/cat` will not work as there is no directory called "cat" under directory "bin"
5. folders `/dev`, `/dev/null` are used for disposing of unwanted output streams of a process or even a empty file for input streams.  
[https://en.wikipedia.org/wiki/Null\\_device#targetText=Usage,with%20the%20Unix%20mv%20command](https://en.wikipedia.org/wiki/Null_device#targetText=Usage,with%20the%20Unix%20mv%20command).
6.
  - a. `pwd`
  - b. `mkdir CPAN133Assignments`
  - c. `mkdir ./CPAN133Assignments/Assignment1`
  - d. `cd ./CPAN133Assignments/Assignment1`  
`touch a1file.txt`
  - e. `cat > a1file.txt`  
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  - f. `pwd`  
`/home/students/no1350301/CPAN133Assignments/Assignment1`
  - g. `cd ./CPAN133Assignments/Assignment1`

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```
h. date
   cat > date.txt
   Sat Sept 28 11:04:34 EDT 2019

i. ls ./Assignment1

j. rm *[1-2]

k. rm term-test*

l. mv ~ ./CPAN133Assignment/Assignment1
```

```
7. mv ./its5101 ./courses
```