

Lab1

1. saved as vi_lab
2. It brings back the line "echo Line to" and changes it to "echo Line Two" and the output is → Line Two
3. It capitalizes the "l" in "echo line Three" and ends up in "echo Line Three" and the output is → Line Three
- 4.

```
aa4239@tux2:~$ ls -l
total 15
drwx----- 3 aa4239 aa4239 69872 Apr 6 19:02 CS265
-rw-r--r-- 1 aa4239 aa4239 8060 Apr 7 09:05 funny
-rwxr-xr-x 1 aa4239 aa4239 240 Apr 7 09:04 hello.bash
-rw-rw-r-- 1 aa4239 aa4239 521 Dec 7 2018 index.html
-rw----- 1 aa4239 aa4239 1 Sep 28 2018 nano.save
-rw-rw-r-- 1 aa4239 aa4239 3891 Nov 13 2018 :public_html
drwxrwxr-x 3 aa4239 aa4239 2886397 Dec 7 2018 public_html
```

5. **644 means** that files are readable and writeable by the owner of the file and readable by users in the group owner of that file and readable by everyone else. So the above permissions were given to index.html

```
aa4239@tux2:~$ chmod 644 index.html
aa4239@tux2:~$ ls -l
total 15
drwx----- 3 aa4239 aa4239 69872 Apr 6 19:02 CS265
-rw-r--r-- 1 aa4239 aa4239 8060 Apr 7 09:05 funny
-rwxr-xr-x 1 aa4239 aa4239 240 Apr 7 09:04 hello.bash
-rw-r--r-- 1 aa4239 aa4239 521 Dec 7 2018 index.html
-rw----- 1 aa4239 aa4239 1 Sep 28 2018 nano.save
-rw-rw-r-- 1 aa4239 aa4239 3891 Nov 13 2018 :public_html
drwxrwxr-x 3 aa4239 aa4239 2886397 Dec 7 2018 public_html
```

6. **755 means** full permissions for the owner and read and execute permission for others. and it was given to index.html

```

aa4239@tux2:~$ chmod 755 index.html
aa4239@tux2:~$ ls -l
total 15
drwx----- 3 aa4239 aa4239 69872 Apr  6 19:02 CS265
-rw-r--r-- 1 aa4239 aa4239 8060 Apr  7 09:05 funny
-rwxr-xr-x 1 aa4239 aa4239 240 Apr  7 09:04 hello.bash
-rwxr-xr-x 1 aa4239 aa4239 521 Dec  7 2018 index.html
-rw----- 1 aa4239 aa4239 1 Sep 28 2018 nano.save
-rw-rw-r-- 1 aa4239 aa4239 3891 Nov 13 2018 :public_html
drwxrwxr-x 3 aa4239 aa4239 2886397 Dec  7 2018 public_html
aa4239@tux2:~$

```

7. Yes, I am able to read my funny file.

```

aa4239@tux2: ~
File Edit View Search Terminal Help
Tormenting Telemarketers

Tormenting Telemarketers: A Game You Can Play at Home!

Everyone has gotten a call from a Telemarketer. The new Scourge of the
Telephone System. Previously when the phone rang, you always wondered if it was
someone you knew, or another schmuck with something to sell. Well, the time has
come to turn the tables. We need to take control of our own phones. We need to
take the ``market'' out of Telemarketing.

Premise:
  Telemarketers take the brute force approach to making sales. If you talk to a
  whole bunch of people, someone will buy what you are selling.

Counter-Tactic:
  Waste as much of their time as you can. For each minute that you waste means
  several potential customers that will not be reached. Make Telemarketing
  unprofitable. Hanging up only increases the chances for them to make a sale.
  Don't let this happen!

Hints:
  Most of the preliminary stuff is done by someone making minimum wage, and
  reads a script. Let them finish. It's easy points, and you were watching Star Trek
  and weren't using your phone anyway. It's easy to keep them interested using
  ``attentive grunting'', similar to when your mother calls.

```

8. Yes I am able to read the hello.bash file
9. No I was not able to execute the file.
10. a) I will change it to "chmod u+x hello.bash" to give myself the appropriate rights to execute the file
b.) I will use "chmod 755 hello.bash"
11. The file was readonly and I couldn't save it.
12. a)

```
aa4239@tux2:~/CS265$ ls *
annoy annoy.cc itemList itemList-2cols TelecomTruths UnitTestingPhase
L1:
assignment1 assignment1~ TEST TEST1 vi_lab
```

b)

```
aa4239@tux2:~/CS265$ ls a*
annoy annoy.cc
aa4239@tux2:~/CS265$
```

c)

```
aa4239@tux2:~/CS265$ ls *m*
itemList itemList-2cols TelecomTruths
```

d)

```
aa4239@tux2:~/CS265$ ls anno?
annoy
aa4239@tux2:~/CS265$
```

e)

```
aa4239@tux2:~/CS265$ ls annoy?
ls: cannot access 'annoy?': No such file or directory
```

13. Opens 2 files for edit. "a" and "a~"

14. a) -h, --human-readable

with -l and/or -s, print human readable sizes (e.g., 1K 234M 2G)

b) -l use a long listing format

c) -t sort by modification time, newest first

d) -A, --almost-all

do not list implied . and ..

e) -d, --directory

list directories themselves, not their contents