```
Last login: Tue Feb 20 21:14:29 2024 from 10.0.0.219
scotty@ubuntu:~$
scotty@ubuntu:~$ echo You guys are AWESOME!
You guys are AWESOME!
scotty@ubuntu:~$ echo You guys are AWESOME! | base64
WW91IGd1eXMgYXJlIEFXRVNPTUUhCg==
scotty@ubuntu:~$ echo WW91IGd1eXMgYXJlIEFXRVNPTUUhCg== | base 64 -d
Command 'base' not found, did you mean:
  command 'bake' from snap bake (0.1.3)
  command 'ase' from deb ase (3.22.1-1ubuntu1)
  command 'basex' from deb basex (9.0.1+ds-1.1)
  command 'basez' from deb basez (1.6.2-1)
  command 'gbase' from deb gbase (0.5-2.2build1)
  command 'bash' from deb bash (5.1-6ubuntu1)
See 'snap info <snapname>' for additional versions.
scotty@ubuntu:~$ echo WW91IGd1eXMgYXJlIEFXRVNPTUUhCg== | base64 -d
You guys are AWESOME!
scotty@ubuntu:~$ echo This is evil naughty naughty malware>malware.txt
scotty@ubuntu:~$ cat malware.txt
This is evil naughty naughty malware
scotty@ubuntu:~$ cat malware.txt | base64> notmalwarenoreally.txt
scotty@ubuntu:~$ cat notmalwarenoreally.txt
VGhpcyBpcyBldmlsIG5hdWdodHkgbmF1Z2h0eSBtYWx3YXJlCg==
scotty@ubuntu:~$
```

Echo- displays text followed by that command, In this case I use "You guys are awesome"

|base64 – encoded the text and showed it in the format of numbers and letters.

Using that same letters and number and adding (**-d**) decodes it to show the text/message.


```
scotty@ubuntu:~$
scotty@ubuntu:~$
scotty@ubuntu:~$
scotty@ubuntu:~$ cat malware.txt
This is evil naughty naughty malware
scotty@ubuntu:~$ cat malware.txt | base64
VGhpcyBpcyBldmlsIG5hdWdodHkgbmF1Z2h0eSBtYWx3YXJlCg==
scotty@ubuntu:~$ cat malware.txt | base64 > notmalwarenoreally.txt
scotty@ubuntu:~$ cat nottmalwarenoreally.txt | base64 -d
cat: nottmalwarenoreally.txt: No such file or directory
scotty@ubuntu:~$ cat nottmalwarenoreally.txt
cat: nottmalwarenoreally.txt: No such file or directory
scotty@ubuntu:~$ cat notmalwarenoreally.txt
VGhpcyBpcyBldmlsIG5hdWdodHkgbmF1Z2h0eSBtYWx3YXJlCg==
scotty@ubuntu:~$ cat notmalwarenoreally.txt | base 64 -d
Command 'base' not found, did you mean:
  command 'bake' from snap bake (0.1.3)
  command 'basez' from deb basez (1.6.2-1)
  command 'ase' from deb ase (3.22.1-1ubuntu1)
  command 'basex' from deb basex (9.0.1+ds-1.1)
  command 'bash' from deb bash (5.1-6ubuntu1)
  command 'gbase' from deb gbase (0.5-2.2build1)
See 'snap info <snapname>' for additional versions.
scotty@ubuntu:~$ cat notmalwarenoreally.txt | base64 -d
This is evil naughty naughty malware
scotty@ubuntu:~$
```