

- i. count the no. of words ,characters and lines from above 2 file.(man wc)

```
osboxes@osboxes:~$ cat > data.txt
Linux is open source.
In Linux everything is file
files have permission.
osboxes@osboxes:~$ > data.txt
osboxes@osboxes:~$ cat data.txt
osboxes@osboxes:~$ cat > data.txt
Linux is open source.
In Linux everything is file
files have permissions.
files have inode no.
files have size.
there are several types of files
osboxes@osboxes:~$ wc data.txt
 6 25 145 data.txt
```

- ii. list the lines having word "files" (man grep)

```
osboxes@osboxes:~$ grep "files" data.txt
files have permissions.
files have inode no.
files have size.
there are several types of files
```

- iii. list the lines having word "file" (man grep)

```
osboxes@osboxes:~$ grep "file" data.txt
In Linux everything is file
files have permissions.
files have inode no.
files have size.
there are several types of files
```

- iv. list the lines which don't have word "files" (man grep)

```
osboxes@osboxes:~$ grep -v "file" data.txt
Linux is open source.
```

v. list the lines having word "have" . (man grep)

```
osboxes@osboxes:~$ grep "have" data.txt
files have permissions.
files have inode no.
files have size.
```

vi. list the lines starts with letter "f" (man grep)

```
osboxes@osboxes:~$ grep "^f" data.txt
files have permissions.
files have inode no.
files have size.
```

vii. list the lines ends with "." (man grep)

```
osboxes@osboxes:~$ grep "\.$" data.txt
Linux is open source.
files have permissions.
files have inode no.
files have size.
```

viii. list only first two lines.(man head)

```
osboxes@osboxes:~$ head -2 data.txt
Linux is open source.
In Linux everything is file
```

ix. list only last three lines.(man tail)

```
osboxes@osboxes:~$ tail -3 data.txt
files have inode no.
files have size.
there are several types of files
```

x. list line no.3,4 and 5 . (man head and tail)

```
osboxes@osboxes:~$ head -n 5 data.txt | tail -n 3
files have permissions.
files have inode no.
files have size.
```