Assignment 04

Create a file named "data.txt" and write the following lines in it(write as it is).

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 compose the commands

fulfilled following requirement

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

```
osboxes@osboxes:~/tody$ touch data.txt
osboxes@osboxes:~/tody$ cat >data.txt
Linux is open source.
In Linux everything is file
files have permissions.
file have inode no.
files have size.
there are several types of files
```

```
osboxes@osboxes:~/tody$ wc data.txt
  6  25 144 data.txt
osboxes@osboxes:~/tody$
```

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

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

```
  6  25 144 data.txt
osboxes@osboxes:~/tody$ grep "files" data.txt
files have permissions.
files have size.
there are several types of files
osboxes@osboxes:~/tody$ grep "file" data.txt
In Linux everything is file
files have permissions.
file have inode no.
files have size.
there are several types of files
osboxes@osboxes:~/tody$ grep -w "file" data.txt
In Linux everything is file
file have inode no.
osboxes@osboxes:~/tody$
```

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

```
osboxes@osboxes:~/tody$ grep -v "files" data.txt
Linux is open source.
In Linux everything is file
file have inode no.
osboxes@osboxes:~/tody$ grep -v "file" data.txt
Linux is open source.
osboxes@osboxes:~/tody$
```

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

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

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

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

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

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

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

```
osboxes@osboxes:~/tody$ head -3 data.txt
Linux is open source.
In Linux everything is file
files have permissions.
osboxes@osboxes:~/tody$ tail -3 data.txt
file have inode no.
files have size.
there are several types of files
osboxes@osboxes:~/tody$
```

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

```
osboxes@osboxes:~/tody$ cat -n data.txt | egrep [3,4,5]
     3  files have permissions.
     4  file have inode no.
     5  files have size.
osboxes@osboxes:~/tody$
```