Assignment 4

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.

```
omkar@omkar-VirtualBox:~/Documents/assignmnets$ cat > data.txt
linux is open source
In Linux everything is file
Files ave permission
      .ave inode no.
file have size
there are several types of files
```

there are several types of files compose the commands fulfilled following requirement

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

```
omkar@omkar-VirtualBox:~/Documents/assignmnets$ wc data.txt
  6  25 138 data.txt
```

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

```
omkar@omkar-VirtualBox:~/Documents/assignmnets$ grep "files" data.txt
there are several types of files
```

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

```
omkar@omkar-VirtualBox:~/Documents/assignmnets$ grep "file" data.txt
In Linux everything is file
file have permission
file have inode no.
file have size
there are several types of files
```

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

```
Help  omkar-VirtualBox:~/Documents/assignmnets$ grep -v "files" data.txt
      is open source
In Linux everything is file
file have permission
file have inode no.
file have size
```

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

```
omkar@omkar-VirtualBox:~/Documents/assignmnets$ grep "have" data.txt
file have permission
file have inode no.
file have size
```

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

```
omkar@omkar-VirtualBox:~/Documents/assignmnets$ grep "^f" data.txt
file have permission
file have inode no.
file have size
```

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

```
omkar@omkar-VirtualBox:~/Documents/assignmnets$ grep ".$" data.txt
Linux is open source
In Linux everything is file
file have permission
file have inode no.
file have size
there are several types of files
```

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

```
omkar@omkar-VirtualBox:~/Documents/assignmnets$ head -2 data.txt
Linux is open source
In Linux everything is file
```

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

```
omkar@omkar-VirtualBox:~/Documents/assignmnets$ tail -3 data.txt
file have inode no.
       ave size
       are several types of files
```

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

```
omkar@omkar-VirtualBox:~/Documents/assignmnets$ head -5 data.txt | tail -3
file have permission
file have inode no.
file have size
```