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

```
shubham@D3-Shubham-92819:~/Downloads/OS/Assignments/SDM/Assignment-4$ wc data.txt
  6  25 145 data.txt
shubham@D3-Shubham-92819:~/Downloads/OS/Assignments/SDM/Assignment-4$
```

2) list the lines having word "files" (man grep)

```
shubham@D3-Shubham-92819:~/Downloads/OS/Assignments/SDM/Assignment-4$ grep -n "files" data.txt
3:files have permissions.
4:files have inode no.
5:files have size.
6:there are several types of files
shubham@D3-Shubham-92819:~/Downloads/OS/Assignments/SDM/Assignment-4$
```

3) list the lines having word "file" (man grep)

```
shubham@D3-Shubham-92819:~/Downloads/OS/Assignments/SDM/Assignment-4$ grep -n -w "file" data.txt
2:In Linux everything is file
shubham@D3-Shubham-92819:~/Downloads/OS/Assignments/SDM/Assignment-4$
```

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

```
shubham@D3-Shubham-92819:~/Downloads/OS/Assignments/SDM/Assignment-4$ 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
shubham@D3-Shubham-92819:~/Downloads/OS/Assignments/SDM/Assignment-4$
shubham@D3-Shubham-92819:~/Downloads/OS/Assignments/SDM/Assignment-4$ grep -n -v  "files" data.txt
1:Linux is open source.
2:In Linux everything is file
shubham@D3-Shubham-92819:~/Downloads/OS/Assignments/SDM/Assignment-4$
```

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

```
shubham@D3-Shubham-92819:~/Downloads/OS/Assignments/SDM/Assignment-4$ grep -n  "have" data.txt
3:files have permissions.
4:files have inode no.
5:files have size.
shubham@D3-Shubham-92819:~/Downloads/OS/Assignments/SDM/Assignment-4$
```

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

```
shubham@D3-Shubham-92819:~/Downloads/OS/Assignments/SDM/Assignment-4$ grep -n  "^f" data.txt
3:files have permissions.
4:files have inode no.
5:files have size.
shubham@D3-Shubham-92819:~/Downloads/OS/Assignments/SDM/Assignment-4$
shubham@D3-Shubham-92819:~/Downloads/OS/Assignments/SDM/Assignment-4$
```

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

```
shubham@D3-Shubham-92819:~/Downloads/OS/Assignments/SDM/Assignment-4$ grep -n  "\.$" data.txt
1:Linux is open source.
3:files have permissions.
4:files have inode no.
5:files have size.
shubham@D3-Shubham-92819:~/Downloads/OS/Assignments/SDM/Assignment-4$
```

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

```
shubham@D3-Shubham-92819:~/Downloads/OS/Assignments/SDM/Assignment-4$ head -n 2 data.txt
Linux is open source.
In Linux everything is file
shubham@D3-Shubham-92819:~/Downloads/OS/Assignments/SDM/Assignment-4$
```

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

```
shubham@D3-Shubham-92819:~/Downloads/OS/Assignments/SDM/Assignment-4$ tail -n 3 data.txt
files have inode no.
files have size.
there are several types of files
shubham@D3-Shubham-92819:~/Downloads/OS/Assignments/SDM/Assignment-4$
```

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

```
shubham@D3-Shubham-92819:~/Downloads/OS/Assignments/SDM/Assignment-4$ cat -n data.txt
     1  Linux is open source.
     2  In Linux everything is file
     3  files have permissions.
     4  files have inode no.
     5  files have size.
     6  there are several types of files
shubham@D3-Shubham-92819:~/Downloads/OS/Assignments/SDM/Assignment-4$ head -n 5 data.txt | tail -n 3
files have permissions.
files have inode no.
files have size.
shubham@D3-Shubham-92819:~/Downloads/OS/Assignments/SDM/Assignment-4$
```