

Assignment : 4

```
12 24 07
karan@D2-KARAN-92917:~/CDAC$ cat >demo2.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
karan@D2-KARAN-92917:~/CDAC$ cat demo2.txt
Linux is open source.
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```

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

```
karan@D2-KARAN-92917:~/CDAC$ wc demo2.txt
 6  25 145 demo2.txt
karan@D2-KARAN-92917:~/CDAC$
```

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

```
karan@D2-KARAN-92917:~/CDAC$ grep "files" -n demo2.txt
3:files have permissions.
4:files have inode no.
5:files have size.
6:there are several types of files
karan@D2-KARAN-92917:~/CDAC$
```

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

```
karan@D2-KARAN-92917:~/CDAC$ grep "file" -n demo2.txt
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
karan@D2-KARAN-92917:~/CDAC$
```

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

```
karan@D2-KARAN-92917:~/CDAC$ grep -v "files" demo2.txt
Linux is open source.
In Linux everything is file
karan@D2-KARAN-92917:~/CDAC$
```

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

```
karan@D2-KARAN-92917:~/CDAC$ grep "have" demo2.txt
files have permissions.
files have inode no.
files have size.
```

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

```
karan@D2-KARAN-92917:~/CDAC$ grep "^f" demo2.txt
files have permissions.
files have inode no.
files have size.
karan@D2-KARAN-92917:~/CDAC$
```

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

```
karan@D2-KARAN-92917:~/CDAC$ grep "\.$" demo2.txt
Linux is open source.
files have permissions.
files have inode no.
files have size.
karan@D2-KARAN-92917:~/CDAC$
```

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

```
karan@D2-KARAN-92917:~/CDAC$ head -n 2 demo2.txt
Linux is open source.
In Linux everything is file
karan@D2-KARAN-92917:~/CDAC$
```

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

```
karan@D2-KARAN-92917:~/CDAC$ tail -n 3 demo2.txt
files have inode no.
files have size.
there are several types of files
karan@D2-KARAN-92917:~/CDAC$
```

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

```
karan@D2-KARAN-92917:~/CDAC$ head -n 5 demo2.txt | tail -n 3
files have permissions.
files have inode no.
files have size.
karan@D2-KARAN-92917:~/CDAC$
```