

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.

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)

```
tushar@tushar-HP-Pavillion-Notebook:~/Documents/assignment4$ 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
tushar@tushar-HP-Pavillion-Notebook:~/Documents/assignment4$ wc data.txt
 6  25 145 data.txt
tushar@tushar-HP-Pavillion-Notebook:~/Documents/assignment4$
```

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

```
grep: fgrep.txt: No such file or directory
tushar@tushar-HP-Pavillion-Notebook:~/Documents/assignment4$ fgrep -i "files" data.txt
files have permissions.
files have inode no.
files have size.
there are several types of files
tushar@tushar-HP-Pavillion-Notebook:~/Documents/assignment4$
```

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

```
tushar@tushar-HP-Pavillion-Notebook:~/Documents/assignment4$ grep -w "file" data.txt
In Linux everything is file
tushar@tushar-HP-Pavillion-Notebook:~/Documents/assignment4$
```

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

```
bash: !: Command not found
tushar@tushar-HP-Pavillion-Notebook:~/Documents/assignment4$ grep -v 'files' data.txt
Linux is open source.
In Linux everything is file
tushar@tushar-HP-Pavillion-Notebook:~/Documents/assignment4$
```

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

```
files have size.  
tushar@tushar-HP-Pavilion-Notebook:~/Documents/assignment4$ fgrep -w "have" data.txt  
files have permissions.  
files have inode no.  
files have size.
```

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

```
files have size.  
tushar@tushar-HP-Pavilion-Notebook:~/Documents/assignment4$ grep "^f" data.txt  
files have permissions.  
files have inode no.  
files have size.
```

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

```
tushar@tushar-HP-Pavilion-Notebook:~/Documents/assignment4$ grep -E '\. |\.$' data.txt  
Linux is open source.  
files have permissions.  
files have inode no.  
files have size.
```

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

```
tushar@tushar-HP-Pavilion-Notebook:~/Documents/assignment4$ head -n 2 data.txt  
Linux is open source.  
In Linux everything is file
```

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

```
tushar@tushar-HP-Pavilion-Notebook:~/Documents/assignment4$ tail -3 data.txt  
files have inode no.  
files have size.  
there are several types of files  
tushar@tushar-HP-Pavilion-Notebook:~/Documents/assignment4$
```

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

```
there are several types of files  
tushar@tushar-HP-Pavilion-Notebook:~/Documents/assignment4$ head -n 5 data.txt | tail -n 3  
files have permissions.  
files have inode no.  
files have size.  
tushar@tushar-HP-Pavilion-Notebook:~/Documents/assignment4$
```