OS 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 file.(man wc)

```
kedar@D3-Dhananjay-92969:/media/kedar/New Volume/11_CDAC/07_OS/assignment$ wc data.txt
   6  25 145 data.txt
```

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

```
kedar@D3-Dhananjay-92969:/media/kedar/New Volume/11_CDAC/07_OS/assignment$ grep "files" data.txt
files have permissions.
files have inode no.
files have size.
there are several types of files
```

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

```
kedar@D3-Dhananjay-92969:/media/kedar/New Volume/11_CDAC/07_OS/assignment$ grep "file" data.txt
In Linux everything is file
files have permissions.
files have inode no.
files have size.
there are several types of files
```

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

```
kedar@D3-Dhananjay-92969:/media/kedar/New Volume/11_CDAC/07_OS/assignment$ grep -v "file" data.txt
Linux is open source.
```

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

```
kedar@D3-Dhananjay-92969:/media/kedar/New Volume/11_CDAC/07_OS/assignment$ grep -n "have" data.txt
3:files have permissions.
4:files have inode no.
5:files have size.
```

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

```
kedar@D3-Dhananjay-92969:/media/kedar/New Volume/11_CDAC/07_OS/assignment$ grep "^f" data.txt
files have permissions.
files have inode no.
files have size.
```

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

```
kedar@D3-Dhananjay-92969:/media/kedar/New Volume/11_CDAC/07_OS/assignment$ grep "\.$" data.txt
Linux is open source.
files have permissions.
files have inode no.
files have size.
```

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

```
kedar@D3-Dhananjay-92969:/media/kedar/New Volume/11_CDAC/07_OS/assignment$ head -n 2 data.txt
Linux is open source.
In Linux everything is file
```

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

```
kedar@D3-Dhananjay-92969:/media/kedar/New Volume/11_CDAC/07_OS/assignment$ tail -n 3 data.txt
files have inode no.
files have size.
there are several types of files
```

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

```
kedar@D3-Dhananjay-92969:/media/kedar/New Volume/11_CDAC/07_OS/assignment$ head -n 5 data.txt | tail -n 3
files have permissions.
files have inode no.
files have size.
```