

OPERATING SYSTEM

ASSIGNMENT NO. 4

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

```
sunbeam@sunbeam-Nitro-AN515-42:~/Desktop/os_demo$ cat data.txt
Linux is an Open Source
In Linux everything is File
Files have permission.
files have incode no.
files have size
there are several types of files.
sunbeam@sunbeam-Nitro-AN515-42:~/Desktop/os_demo$ wc data.txt
  6  26 147 data.txt
sunbeam@sunbeam-Nitro-AN515-42:~/Desktop/os_demo$
```

2) list the lines having word "files"

```
sunbeam@sunbeam-Nitro-AN515-42:~/Desktop/os_demo$ grep "files" data.txt
files have incode no.
files have size
there are several types of files.
sunbeam@sunbeam-Nitro-AN515-42:~/Desktop/os_demo$
```

3) list the lines having word "file"

```
sunbeam@sunbeam-Nitro-AN515-42:~/Desktop/os_demo$ grep "file" data.txt
files have incode no.
files have size
there are several types of files.
sunbeam@sunbeam-Nitro-AN515-42:~/Desktop/os_demo$
```

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

```
sunbeam@sunbeam-Nitro-AN515-42:~/Desktop/os_demo$ grep -v "file" data.txt
Linux is an Open Source
In Linux everything is File
Files have permission.
sunbeam@sunbeam-Nitro-AN515-42:~/Desktop/os_demo$
```

5) list the lines having word "have"

```
sunbeam@sunbeam-Nitro-AN515-42:~/Desktop/os_demo$ grep "have" data.txt
Files have permission.
files have incode no.
files have size
sunbeam@sunbeam-Nitro-AN515-42:~/Desktop/os_demo$
```

6) list the lines starts with letter "f"

```
sunbeam@sunbeam-Nitro-AN515-42:~/Desktop/os_demo$ grep "^f" data.txt
files have incode no.
files have size
```

7) list the lines ends with "."

```
sunbeam@sunbeam-Nitro-AN515-42:~/Desktop/os_demo$ grep "\.$" data.txt
Files have permission.
files have incode no.
there are several types of files.
```

8) list only first two lines.

```
sunbeam@sunbeam-Nitro-AN515-42:~/Desktop/os_demo$ head -n 2 data.txt
Linux is an Open Source
In Linux everything is File
```

9) list only last three lines.

```
sunbeam@sunbeam-Nitro-AN515-42:~/Desktop/os_demo$ tail -n 3 data.txt
files have incode no.
files have size
there are several types of files.
```

10) list line no.3,4 and 5 .

```
sunbeam@sunbeam-Nitro-AN515-42:~/Desktop/os_demo$ head -n 5 data.txt | tail -n 3
Files have permission.
files have incode no.
files have size
```