```
osboxes@osboxes:~/directory$ 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
osboxes@osboxes:~/directory$ 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
osboxes@osboxes:~/directory$
```

1.

```
osboxes@osboxes:~/directory$ wc -w data.txt
25 data.txt
osboxes@osboxes:~/directory$ wc -m data.txt
145 data.txt
osboxes@osboxes:~/directory$ wc -l data.txt
6 data.txt
osboxes@osboxes:~/directory$
```

2.

```
osboxes@osboxes:~/directory$ grep "files" data.txt
files have permissions.
files have inode no.
files have size.
there are several types of files
osboxes@osboxes:~/directory$
```

3.

```
osboxes@osboxes:~/directory$ grep "files" data.txt
files have permissions.
files have inode no.
files have size.
there are several types of files
osboxes@osboxes:~/directory$
```

4.

```
osboxes@osboxes:~/directory$ grep -v "files" data.txt
Linux is open source.
In Linux everything is file
osboxes@osboxes:~/directory$
```

5.

```
osboxes@osboxes:~/directory$ grep "have" data.txt
files have permissions.
files have inode no.
files have size.
```

6.

```
osboxes@osboxes:~/directory$ grep "^f" data.txt
files have permissions.
files have inode no.
files have size.
```

7.

```
osboxes@osboxes:~/directory$ grep "\.$" data.txt
Linux is open source.
files have permissions.
files have inode no.
files have size.
```

8.

```
osboxes@osboxes:~/directory$ head -2 data.txt
Linux is open source.
In Linux everything is file
osboxes@osboxes:~/directory$
```

9.

```
osboxes@osboxes:~/directory$ tail -3 data.txt
files have inode no.
files have size.
there are several types of files
osboxes@osboxes:~/directory$
```

10.

```
osboxes@osboxes:~/directory$ head -5 data.txt | tail -3
files have permissions.
files have inode no.
files have size.
osboxes@osboxes:~/directory$
```