ASSIGNMENT-5

Create file named grade.txt and write following contents in it. (grep , cut)

John Smith: A

Mary Johnson: B

Alex Rodriguez: C

Emily Wong: A

David Lee: B

James Johnson: A

Edwin Albert: B

```
Pulkits-Laptop:OS pulkitmehta$ cat >> grade.txt
John Smith: A
Mary Johnson: B
Alex Rodriguez: C
Emily Wong: A
David Lee: B
James Johnson: A
Edwin Albert: B
```

1. Count the number of students.

```
Pulkits-Laptop:OS pulkitmehta$ wc -l grade.txt
       7 grade.txt
```

2. List the students having grade A.

```
[Pulkits-Laptop:OS pulkitmehta$ grep "A$" grade.txt
John Smith: A
Emily Wong: A
James Johnson: A
```

3. List the students not having grade B.

```
[Pulkits-Laptop:OS pulkitmehta$ grep -v "B" grade.txt
John Smith: A
Alex Rodriguez: C
Emily Wong: A
James Johnson: A
```

4. Print the count of students not having grade C

```
[Pulkits-Laptop:OS pulkitmehta$ grep -v "C" grade.txt | wc -l
        6
```

5. List the student/students whose name starts with E & having grade B.

```
[Pulkits-Laptop:OS pulkitmehta$ grep "^E" grade.txt | grep "B$"
Edwin Albert: B
```

6. Show only Students first name & Last Name

```
[Pulkits-Laptop:OS pulkitmehta$ cut -d " " -f1,1,2 grade.txt | cut -d ":" -f1
John Smith
Mary Johnson
Alex Rodriguez
Emily Wong
David Lee
James Johnson
Edwin Albert
```

7. Show only grades

```
[Pulkits-Laptop:OS pulkitmehta$ cut -d ":" -f2 grade.txt
  A
  B
  C
  A
  B
  A
  B
```

8. Show only first name & grades

```
Pulkits-Laptop:OS pulkitmehta$ cut -d " " -f1,1,3 grade.txt
John A
Mary B
Alex C
Emily A
David B
James A
Edwin B
```