

OS 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  
-----
```

And compose commands to perform following operations

1. Count the number of students. (wc)

```
kedar@D3-Dhananjay-92969:/media/kedar/New Volume/11_CDAC/07_05/assignment$ wc -l grade.txt  
7 grade.txt
```

2. List the students having grade A. (grep)

```
kedar@D3-Dhananjay-92969:/media/kedar/New Volume/11_CDAC/07_05/assignment$ grep ": A" grade.txt  
John Smith: A  
Emily Wong: A  
James Johnson: A
```

3. List the students not having grade B. (grep)

```
kedar@D3-Dhananjay-92969:/media/kedar/New Volume/11_CDAC/07_05/assignment$ 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. (grep)

```
kedar@D3-Dhananjay-92969:/media/kedar/New Volume/11_CDAC/07_05/assignment$ grep -v ": B" grade.txt | wc -l  
4
```

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

```
kedar@D3-Dhananjay-92969:/media/kedar/New Volume/11_CDAC/07_05/assignment$ grep "^E.*: B" grade.txt  
Edwin Albert: B
```

6. Show only Students first name & Last Name. (cut)

```
kedar@D3-Dhananjay-92969:/media/kedar/New Volume/11_CDAC/07_05/assignment$ cut -d':' -f1 grade.txt
John Smith
Mary Johnson
Alex Rodriguez
Emily Wong
David Lee
James Johnson
Edwin Albert
```

7. Show only grades. (cut)

```
kedar@D3-Dhananjay-92969:/media/kedar/New Volume/11_CDAC/07_05/assignment$ cut -d':' -f2 grade.txt
A
B
C
A
B
A
B
```

8. Show only first name & grades. (cut)

```
kedar@D3-Dhananjay-92969:/media/kedar/New Volume/11_CDAC/07_05/assignment$ cut -d' ' -f1,3 grade.txt
John A
Mary B
Alex C
Emily A
David B
James A
Edwin B
```