

1. Count the number of students. (wc)

```
shubham@D3-Shubham-92819:~/Downloads/OS/Assignments/SDM/Assignment-5$ wc -l grade.txt
7 grade.txt
shubham@D3-Shubham-92819:~/Downloads/OS/Assignments/SDM/Assignment-5$
```

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

```
shubham@D3-Shubham-92819:~/Downloads/OS/Assignments/SDM/Assignment-5$ grep ": A" grade.txt
John Smith: A
Emily Wong: A
James Johnson: A
shubham@D3-Shubham-92819:~/Downloads/OS/Assignments/SDM/Assignment-5$
```

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

```
shubham@D3-Shubham-92819:~/Downloads/OS/Assignments/SDM/Assignment-5$ cat grade.txt
John Smith: A
Mary Johnson: B
Alex Rodriguez: C
Emily Wong: A
David Lee: B
James Johnson: A
Edwin Albert: B
shubham@D3-Shubham-92819:~/Downloads/OS/Assignments/SDM/Assignment-5$ grep -v ": B" grade.txt
John Smith: A
Alex Rodriguez: C
Emily Wong: A
James Johnson: A
shubham@D3-Shubham-92819:~/Downloads/OS/Assignments/SDM/Assignment-5$
```

4. Print the count of students not having grade C. (grep)

```
shubham@D3-Shubham-92819:~/Downloads/OS/Assignments/SDM/Assignment-5$ grep -v ": C" grade.txt | wc -l
6
shubham@D3-Shubham-92819:~/Downloads/OS/Assignments/SDM/Assignment-5$
```

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

```
shubham@D3-Shubham-92819:~/Downloads/OS/Assignments/SDM/Assignment-5$ grep "^E" grade.txt | grep ": B"
Edwin Albert: B
shubham@D3-Shubham-92819:~/Downloads/OS/Assignments/SDM/Assignment-5$
```

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

```
shubham@D3-Shubham-92819:~/Downloads/OS/Assignments/SDM/Assignment-5$ cut -d ':' -f 1 grade.txt
John Smith
Mary Johnson
Alex Rodriguez
Emily Wong
David Lee
James Johnson
Edwin Albert
```

7. Show only grades. (cut)

```
shubham@D3-Shubham-92819:~/Downloads/OS/Assignments/SDM/Assignment-5$ cut -d ':' -f 2 grade.txt
A
B
C
A
B
A
B
shubham@D3-Shubham-92819:~/Downloads/OS/Assignments/SDM/Assignment-5$
```

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

```
shubham@D3-Shubham-92819:~/Downloads/OS/Assignments/SDM/Assignment-5$ cut -d ' ' -f1,3 grade.txt
John A
Mary B
Alex C
Emily A
David B
James A
Edwin B
shubham@D3-Shubham-92819:~/Downloads/OS/Assignments/SDM/Assignment-5$
```