

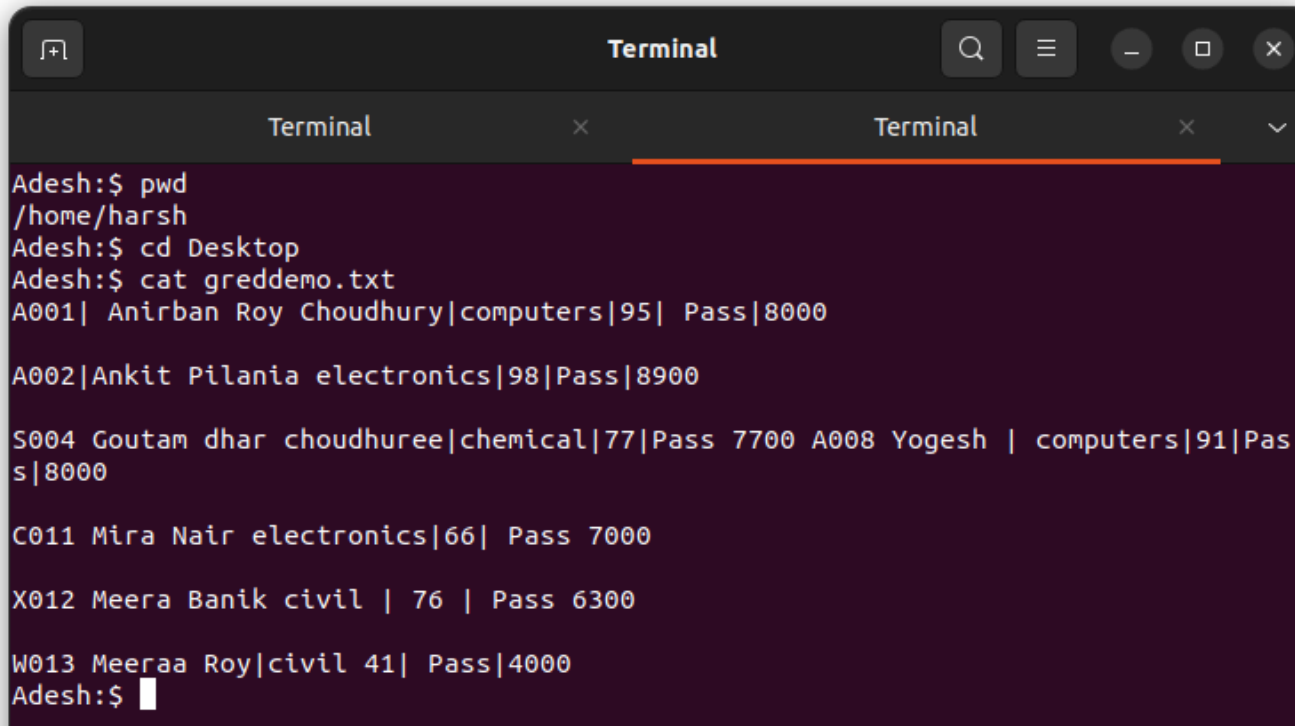
Name : Adesh

Roll no : 23

OS Assignment – Intermediate (grep & sed)

The grep command

1. Explore some other commands like -E, + and ?



```
Terminal
Adesh:$ pwd
/home/harsh
Adesh:$ cd Desktop
Adesh:$ cat greddemo.txt
A001| Anirban Roy Choudhury|computers|95| Pass|8000

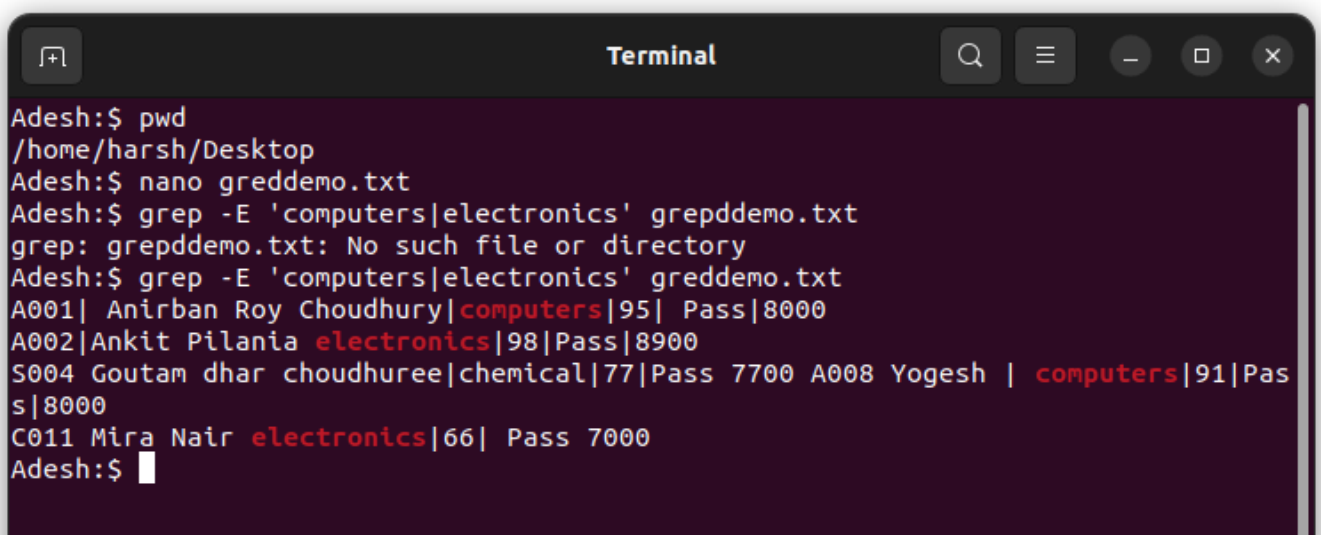
A002|Ankit Pilonia electronics|98|Pass|8900

S004 Goutam dhar choudhuree|chemical|77|Pass 7700 A008 Yogesh | computers|91|Pas
s|8000

C011 Mira Nair electronics|66| Pass 7000

X012 Meera Banik civil | 76 | Pass 6300

W013 Meeraa Roy|civil 41| Pass|4000
Adesh:$
```



```
Terminal
Adesh:$ pwd
/home/harsh/Desktop
Adesh:$ nano greddemo.txt
Adesh:$ grep -E 'computers|electronics' grepddemo.txt
grep: grepddemo.txt: No such file or directory
Adesh:$ grep -E 'computers|electronics' greddemo.txt
A001| Anirban Roy Choudhury|computers|95| Pass|8000
A002|Ankit Pilonia electronics|98|Pass|8900
S004 Goutam dhar choudhuree|chemical|77|Pass 7700 A008 Yogesh | computers|91|Pas
s|8000
C011 Mira Nair electronics|66| Pass 7000
Adesh:$
```

```
Terminal
Adesh:$ grep -Ei 'Pass+' greddemo.txt
A001| Anirban Roy Choudhury|computers|95| Pass|8000
A002|Ankit PIlania electronics|98|Pass|8900
S004 Goutam dhar choudhuree|chemical|77|Pass 7700 A008 Yogesh | computers|91|Pas
s|8000
C011 Mira Nair electronics|66| Pass 7000
X012 Meera Banik civil | 76 | Pass 6300
W013 Meeraa Roy|civil 41| Pass|4000
Adesh:$
```

```
Terminal
Adesh:$ grep "M.... " greddemo.txt
X012 Meera Banik civil | 76 | Pass 6300
Adesh:$
```

More on grep command

1. List those entries that are 5 letters long and starts with M

```
Terminal
Adesh:$ grep "M.... " greddemo.txt
X012 Meera Banik civil | 76 | Pass 6300
Adesh:$
```

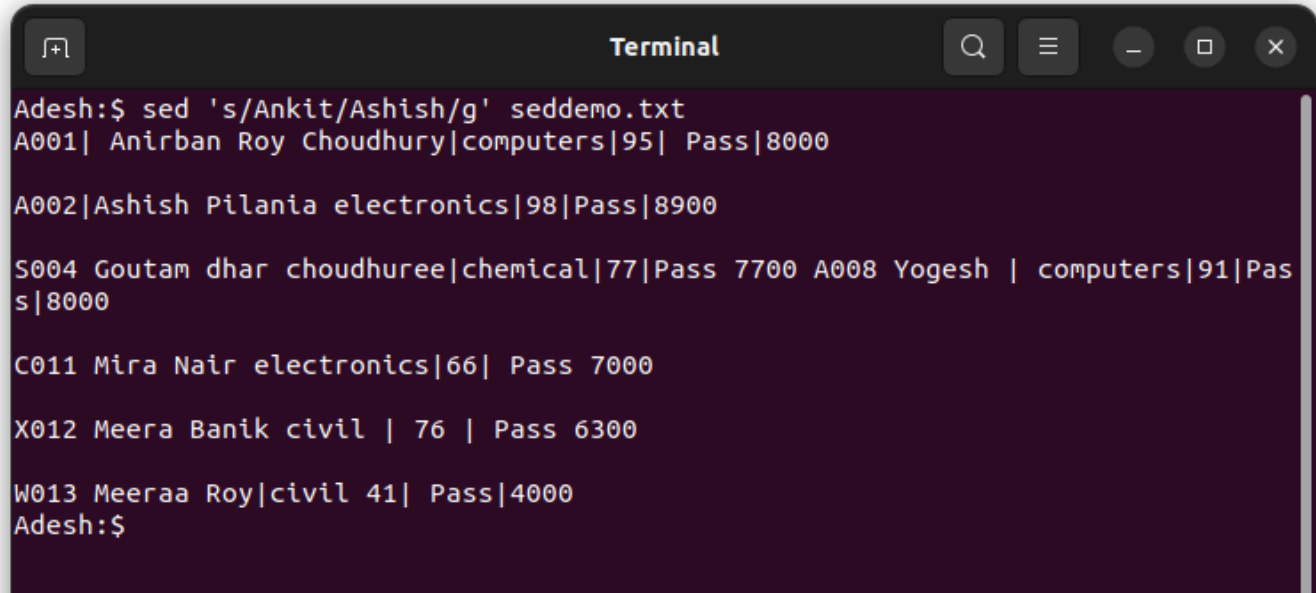
The sed command

1. Use the same text file seddemo.txt
2. Try to print records from 6th to 12th line.

```
Terminal
Adesh:$ sed -n "6,12p" seddemo.txt
C011 Mira Nair electronics|66| Pass 7000
X012 Meera Banik civil | 76 | Pass 6300
W013 Meeraa Roy|civil 41| Pass|4000
Adesh:$
```

More on sed command

1. Use the same text file seddemo.txt
2. Try to replace or substitute name Ankit with Ashish



```
Adesh:$ sed 's/Ankit/Ashish/g' seddemo.txt
A001| Anirban Roy Choudhury|computers|95| Pass|8000

A002|Ashish Pilonia electronics|98|Pass|8900

S004 Goutam dhar choudhuree|chemical|77|Pass 7700 A008 Yogesh | computers|91|Pas
s|8000

C011 Mira Nair electronics|66| Pass 7000

X012 Meera Banik civil | 76 | Pass 6300

W013 Meeraa Roy|civil 41| Pass|4000
Adesh:$
```