

ASSIGNMENT -1

WEEK-3

NAME : Harshwardhan Khendkar

SEC:A

ROLL NO. :422155

Q: :Write shell script for searching for various patterns using grep, pr, head, tail, cut, paste, sort, uniq, and tr.

SCREENSHOTS

```
lohith
student@al-HP-ProDesk-600-G4-MT: /A2018$ pr harsh.txt
```

	harsh.txt	Page 1
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		

```
student@ai-HP-ProDesk-600-G4-MT: ~/Documents$ ! pr -t harsh.txt
```

```
1  
2  
3  
4  
5  
6  
7  
8  
9  
10  
11
```

```
student@ai-HP-ProDesk-600-G4-MT: ~/Documents$ ! pr -n harsh.txt
```

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harsh.txt

Page 1

```
1 1  
2 2  
3 3  
4 4  
5 5  
6 6  
7 7  
8 8  
9 9  
10 10  
11 11
```

```
student@a1-HP-ProDesk-600-G4-MT:~/422131$ ! pr -d harsh.txt
```

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harsh.txt

Page 1

1
2
3
4
5
6
7
8
9
10
11

```
student@a1-HP-ProDesk-600-G4-MT:~/422131$ ! pr -3 harsh.txt
```

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harsh.txt

Page 1

1	5	9
2	6	10
3	7	11
4	8	

```
akhilesh
student@a1-HP-ProDesk-600-G4-MT: ~/AC2100$ ! uniq name.txt
harsh
bhaskar
ankit
jeetu
akhilesh
prince
dhruv
shrinivas
lohith
student@a1-HP-ProDesk-600-G4-MT: ~/AC2100$ ! uniq -c name.txt
      1 harsh
      1 bhaskar
      1 ankit
      1 jeetu
      1 akhilesh
      1 prince
      1 dhruv
      1 shrinivas
      1 lohith
student@a1-HP-ProDesk-600-G4-MT: ~/AC2100$ ! uniq -d name.txt
student@a1-HP-ProDesk-600-G4-MT: ~/AC2100$ ! uniq -u name.txt
harsh
bhaskar
ankit
jeetu
akhilesh
prince
dhruv
shrinivas
lohith
student@a1-HP-ProDesk-600-G4-MT: ~/AC2100$ ! cat name.txt | tr [a-z] [A-Z]
HARSH
BHASKAR
ANKIT
JEETU
AKHILESH
PRINCE
DHRUV
```

```

student@a1-HP-ProDesk-600-G4-MT: ~/422155$ ! uniq -c name.txt
      1 harsh
      1 bhaskar
      1 ankit
      1 jeetu
      1 akhilesh
      1 prince
      1 dhruv
      1 shrinivas
      1 lohith
student@a1-HP-ProDesk-600-G4-MT: ~/422155$ ! uniq -d name.txt
student@a1-HP-ProDesk-600-G4-MT: ~/422155$ ! uniq -u name.txt
harsh
bhaskar
ankit
jeetu
akhilesh
prince
dhruv
shrinivas
lohith
student@a1-HP-ProDesk-600-G4-MT: ~/422155$ ! cat name.txt | tr [a-z] [A-Z]
HARSH
BHASKAR
ANKIT
JEETU
AKHILESH
PRINCE
DHRUV
SHRINIVAS
LOHITH
student@a1-HP-ProDesk-600-G4-MT: ~/422155$ ! echo "Welcome to unix" | tr -d W
elcome to unix
student@a1-HP-ProDesk-600-G4-MT: ~/422155$ ! echo " Welcome to unix" | tr -d W
 elcome to unix
student@a1-HP-ProDesk-600-G4-MT: ~/422155$ ! echo " My roll no is 422155" | tr -d [:digit:]
My roll no is
student@a1-HP-ProDesk-600-G4-MT: ~/422155$ ! echo " My roll no is 422155" | tr -d [:digit:]
My roll no is
student@a1-HP-ProDesk-600-G4-MT: ~/422155$ 

```

```

student@a1-HP-ProDesk-600-G4-MT: ~/422155$ ! cut -b 1,2,3 name.txt
har
bha
ank
jee
akh
pri
dhr
shr
loh
student@a1-HP-ProDesk-600-G4-MT: ~/422155$ ! cut -b -5 name.txt
harsh
bhask
ankit
jeetu
akhil
princ
dhruv
shrin
lohith
student@a1-HP-ProDesk-600-G4-MT: ~/422155$ ! cut -b 3-7 name.txt
rsh
askar
kit
etu
hiles
ince
ruv
rtniv
hith
student@a1-HP-ProDesk-600-G4-MT: ~/422155$ ! paste name.txt harsh.txt
harsh 1
bhaskar 2
ankit 3
jeetu 4
akhilesh 5
prince 6
dhruv 7
shrinivas 8
lohith 9
      10
      11
student@a1-HP-ProDesk-600-G4-MT: ~/422155$ ! paste -d "," name.txt harsh.txt harsh.txt
harsh,harsh,harsh

```

```

11
student@a1-HP-ProDesk-600-G4-MT:~/42213$ ! paste -d "," name.txt harsh.txt harsh.txt
harsh|1,1
bhaskar|2,2
ankit|3,3
jeetu|4,4
akhilesh|5,5
prince |6,6
dhruv |7,7
shrlnivas|8,8
lohith|9,9
|10,10
|11,11
student@a1-HP-ProDesk-600-G4-MT:~/42213$ ! paste -s -d ":" name.txt harsh.txt harsh.txt
harsh:bhaskar:ankit:jeetu:akhilesh:prince :dhruv :shrlnivas:lohith
1:2:3:4:5:6:7:8:9:10:11
1:2:3:4:5:6:7:8:9:10:11
student@a1-HP-ProDesk-600-G4-MT:~/42213$ ! sort name.txt
akhilesh
ankit
bhaskar
dhruv
harsh
jeetu
lohith
prince
shrlnivas
student@a1-HP-ProDesk-600-G4-MT:~/42213$ ! sort -r name.txt
shrlnivas
prince
lohith
jeetu
harsh
dhruv
bhaskar
ankit
akhilesh
student@a1-HP-ProDesk-600-G4-MT:~/42213$ ! uniq name.txt
harsh
bhaskar
ankit
jeetu
akhilesh

```

```
10
student@a1-HP-ProDesk-600-G4-MT: ~/422135$ head -v name.txt
==> name.txt <==
harsh
bhaskar
ankit
jeetu
akhilesh
prince
dhruv
shrlnivas
lohith
student@a1-HP-ProDesk-600-G4-MT: ~/422135$ head -c 40 name.txt
harsh
bhaskar
ankit
jeetu
akhilesh
princstudent@a1-HP-ProDesk-600-G4-MT: ~/422135$ head -n 2 name.txt
harsh
bhaskar
student@a1-HP-ProDesk-600-G4-MT: ~/422135$ head file.txt name.txt
head: cannot open 'file.txt' for reading: No such file or directory
==> name.txt <==
harsh
bhaskar
ankit
jeetu
akhilesh
prince
dhruv
shrlnivas
lohith
student@a1-HP-ProDesk-600-G4-MT: ~/422135$ pr harsh.txt
```

```
student@ai-HP-ProDesk-600-G4-MT: /AB0330$  
student@ai-HP-ProDesk-600-G4-MT: /AB0330$ tail +5 harsh.txt  
5  
6  
7  
8  
9  
10  
11  
student@ai-HP-ProDesk-600-G4-MT: /AB0330$ ! tail harsh.txt  
2  
3  
4  
5  
6  
7  
8  
9  
10  
11  
student@ai-HP-ProDesk-600-G4-MT: /AB0330$ head name.txt  
harsh  
bhaskar  
ankit  
jeetu  
akhilesh  
prince  
dhruv  
shrinivas  
lohith  
student@ai-HP-ProDesk-600-G4-MT: /AB0330$ head harsh.txt  
1  
2  
3  
4  
5  
6  
7  
8  
9  
10  
student@ai-HP-ProDesk-600-G4-MT: /AB0330$ head -v name.txt  
1 harsh  
2 bhaskar  
3 ankit  
4 jeetu  
5 akhilesh  
6 prince  
7 dhruv  
8 shrinivas  
9 lohith  
10
```