

```
student@ai-HP-ProDesk-600-G4-MT:~/Desktop/422124$ cat state.txt
```

Andhra Pradesh

Maharashtra

Maharashtra

Telangana

Gujarat

Rajasthan

Assam

Assam

Assam

Sikkim

```
student@ai-HP-ProDesk-600-G4-MT:~/Desktop/422124$ pr state.txt
```

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state.txt

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Andhra Pradesh

Maharashtra

Maharashtra

Telangana

Gujarat

Rajasthan

Assam

Assam

Assam

Sikkim

```
student@ai-HP-ProDesk-600-G4-MT:~/Desktop/422124$ pr -4 state.txt
```

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state.txt

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Andhra Pradesh

Maharashtra

Maharashtra

Telangana

Gujarat

Rajasthan

Assam

Assam

Assam

Sikkim

```
student@ai-HP-ProDesk-600-G4-MT:~/Desktop/422124$ pr -t state.txt
```

```
Andhra Pradesh  
Maharashtra  
Maharashtra  
Telangana  
Gujarat  
Rajasthan  
Assam  
Assam  
Assam  
Sikkim
```

```
student@ai-HP-ProDesk-600-G4-MT:~/Desktop/422124$ pr -d state.txt
```

```
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```

```
state.txt
```

```
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```

```
Andhra Pradesh
```

```
Maharashtra
```

```
Maharashtra
```

```
Telangana
```

```
Gujarat
```

```
Rajasthan
```

```
Assam
```

```
Assam
```

```
Assam
```

```
Sikkim
```

```
student@ai-HP-ProDesk-600-G4-MT:~/Desktop/422124$ head -n 4 state.txt
```

```
Andhra Pradesh  
Maharashtra  
Maharashtra  
Telangana
```

```
student@ai-HP-ProDesk-600-G4-MT:~/Desktop/422124$ head -c 40 state.txt
```

```
Andhra Pradesh  
Maharashtra  
Maharashtra
```

```
Tstudent@ai-HP-ProDesk-600-G4-MT:~/Desktop/422124$
```

```
student@ai-HP-ProDesk-600-G4-MT:~/Desktop/422124$ head -n -4 state.txt
Andhra Pradesh
Maharashtra
Maharashtra
Telangana
Gujarat
Rajasthan
Assam
student@ai-HP-ProDesk-600-G4-MT:~/Desktop/422124$ head -v state.txt
==> state.txt <==
Andhra Pradesh
Maharashtra
Maharashtra
Telangana
Gujarat
Rajasthan
Assam
Assam
Assam
Sikkim
student@ai-HP-ProDesk-600-G4-MT:~/Desktop/422124$ head state.txt numbers.txt
==> state.txt <==
Andhra Pradesh
Maharashtra
Maharashtra
Telangana
Gujarat
Rajasthan
Assam
Assam
Assam
Sikkim
```

```
==> numbers.txt <==
1
2
3
4
5
6
7
8
9
10
student@ai-HP-ProDesk-600-G4-MT:~/Desktop/422124$ tail -n 5 state.txt
Assam
Assam
Assam
Sikkim
```

```
student@ai-HP-ProDesk-600-G4-MT:~/Desktop/422124$ tail +5 state.txt
Gujarat
Rajasthan
Assam
Assam
Assam
Sikkim

student@ai-HP-ProDesk-600-G4-MT:~/Desktop/422124$ cut -b 1,2,3 state.txt
And
Mah
Mah
Tel
Guj
Raj
Ass
Ass
Ass
Sik

student@ai-HP-ProDesk-600-G4-MT:~/Desktop/422124$ cut -b -4 state.txt
Andh
Maha
Maha
Tela
Guja
Raja
Assa
Assa
```

```
Assa
Assa
Sikk

student@ai-HP-ProDesk-600-G4-MT:~/Desktop/422124$ cut -c 2-5 state.txt
ndhr
ahar
ahar
elan
ujar
ajas
ssam
ssam
ssam
ikki
```

```

student@ai-HP-ProDesk-600-G4-MT:~/Desktop/422124$ paste state.txt numbers.txt
Andhra Pradesh 1
Maharashtra 2
Maharashtra 3
Telangana 4
Gujarat 5
Rajasthan 6
Assam 7
Assam 8
Assam 9
Sikkim 10

student@ai-HP-ProDesk-600-G4-MT:~/Desktop/422124$ paste -d "|" state.txt numbers.txt
Andhra Pradesh|1
Maharashtra|2
Maharashtra|3
Telangana|4
Gujarat|5
Rajasthan|6
Assam|7
Assam|8
Assam|9
Sikkim|10
|
student@ai-HP-ProDesk-600-G4-MT:~/Desktop/422124$ sort state.txt

Andhra Pradesh
Assam
Assam
Assam

```

```

Assam
Gujarat
Maharashtra
Maharashtra
Rajasthan
Sikkim
Telangana
student@ai-HP-ProDesk-600-G4-MT:~/Desktop/422124$ sort -r state.txt
Telangana
Sikkim
Rajasthan
Maharashtra
Maharashtra
Gujarat
Assam
Assam
Assam
Andhra Pradesh

```

```

student@ai-HP-ProDesk-600-G4-MT:~/Desktop/422124$ uniq -c state.txt
 1 Andhra Pradesh
 2 Maharashtra
 1 Telangana
 1 Gujarat
 1 Rajasthan
 3 Assam
 1 Sikkim
 1
student@ai-HP-ProDesk-600-G4-MT:~/Desktop/422124$ uniq -d state.txt
Maharashtra
Assam
student@ai-HP-ProDesk-600-G4-MT:~/Desktop/422124$ uniq -u state.txt
Andhra Pradesh
Telangana
Gujarat
Rajasthan
Sikkim

student@ai-HP-ProDesk-600-G4-MT:~/Desktop/422124$ cat state.txt | tr[a-z][A-Z]
tr[a-z][A-Z]: command not found
student@ai-HP-ProDesk-600-G4-MT:~/Desktop/422124$ cat state.txt | tr[a-z] [A-Z]
tr[a-z]: command not found
student@ai-HP-ProDesk-600-G4-MT:~/Desktop/422124$ cat state.txt | tr [a-z] [A-Z]
ANDHRA PRADESH
MAHARASHTRA
MAHARASHTRA

```

```

TELANGANA
GUJARAT
RAJASTHAN
ASSAM
ASSAM
ASSAM
SIKKIM

student@ai-HP-ProDesk-600-G4-MT:~/Desktop/422124$ echo "welcome" | tr -d l
wecome
student@ai-HP-ProDesk-600-G4-MT:~/Desktop/422124$ grep -i "maha" state.txt
Maharashtra
Maharashtra
student@ai-HP-ProDesk-600-G4-MT:~/Desktop/422124$ grep -c "Assam" state.txt
3
student@ai-HP-ProDesk-600-G4-MT:~/Desktop/422124$ grep -n "Assam" state.txt
7:Assam
8:Assam
9:Assam
student@ai-HP-ProDesk-600-G4-MT:~/Desktop/422124$

```