```
student@ai-HP-ProDesk-600-G4-MT:~/Desktop/422124/Unix Lab$ echo "10+5" | bc
15
student@ai-HP-ProDesk-600-G4-MT:~/Desktop/422124/Unix Lab$ echo "10*5" | bc
50
student@ai-HP-ProDesk-600-G4-MT:~/Desktop/422124/Unix Lab$ cat state.txt
Andhra Pradesh
Maharashtra
Maharashtra
Telangana
Gujarat
Rajasthan
Assam
Assam
Assam
Sikkim

student@ai-HP-ProDesk-600-G4-MT:~/Desktop/422124/Unix Lab$ cat numbers.txt
1
2
3
4
5
6
7
8
9
10

student@ai-HP-ProDesk-600-G4-MT:~/Desktop/422124/Unix Lab$ comm state.txt numbers.txt
        1
        2
        3
        4
        5
        6
        7
        8
        9
comm: file 2 is not in sorted order
        10

Andhra Pradesh
Maharashtra
Maharashtra
Telangana
comm: file 1 is not in sorted order
```

```
Telangana
comm: file 1 is not in sorted order
Gujarat
Rajasthan
Assam
Assam
Assam
Sikkim

student@ai-HP-ProDesk-600-G4-MT:~/Desktop/422124/Unix Lab$ diff state.txt numbers.txt
1,10c1,10
< Andhra Pradesh
< Maharashtra
< Maharashtra
< Telangana
< Gujarat
< Rajasthan
< Assam
< Assam
< Assam
< Sikkim
---
> 1
> 2
> 3
> 4
> 5
> 6
> 7
> 8
> 9
> 10
student@ai-HP-ProDesk-600-G4-MT:~/Desktop/422124/Unix Lab$ finger student
Login: student                          Name:
Directory: /home/student                Shell: /bin/bash
On since Wed Apr  3 14:18 (IST) on :0 from :0 (messages off)
No mail.
No Plan.
student@ai-HP-ProDesk-600-G4-MT:~/Desktop/422124/Unix Lab$ find ~ -name state.txt
find: '/home/student/420228/super': Permission denied
/home/student/Desktop/422124/Unix Lab/state.txt
student@ai-HP-ProDesk-600-G4-MT:~/Desktop/422124/Unix Lab$ sudo chown student:student state.txt
[sudo] password for student:
student@ai-HP-ProDesk-600-G4-MT:~/Desktop/422124/Unix Lab$ sudo chgrp -v student state.txt
group of 'state.txt' retained as student
student@ai-HP-ProDesk-600-G4-MT:~/Desktop/422124/Unix Lab$ dd if=state.txt of=numbers.txt
```

```
group of 'state.txt' retained as student
student@ai-HP-ProDesk-600-G4-MT:~/Desktop/422124/Unix Lab$ dd if=state.txt of=numbers.txt
0+1 records in
0+1 records out
93 bytes copied, 0.000384154 s, 242 kB/s
student@ai-HP-ProDesk-600-G4-MT:~/Desktop/422124/Unix Lab$
```