

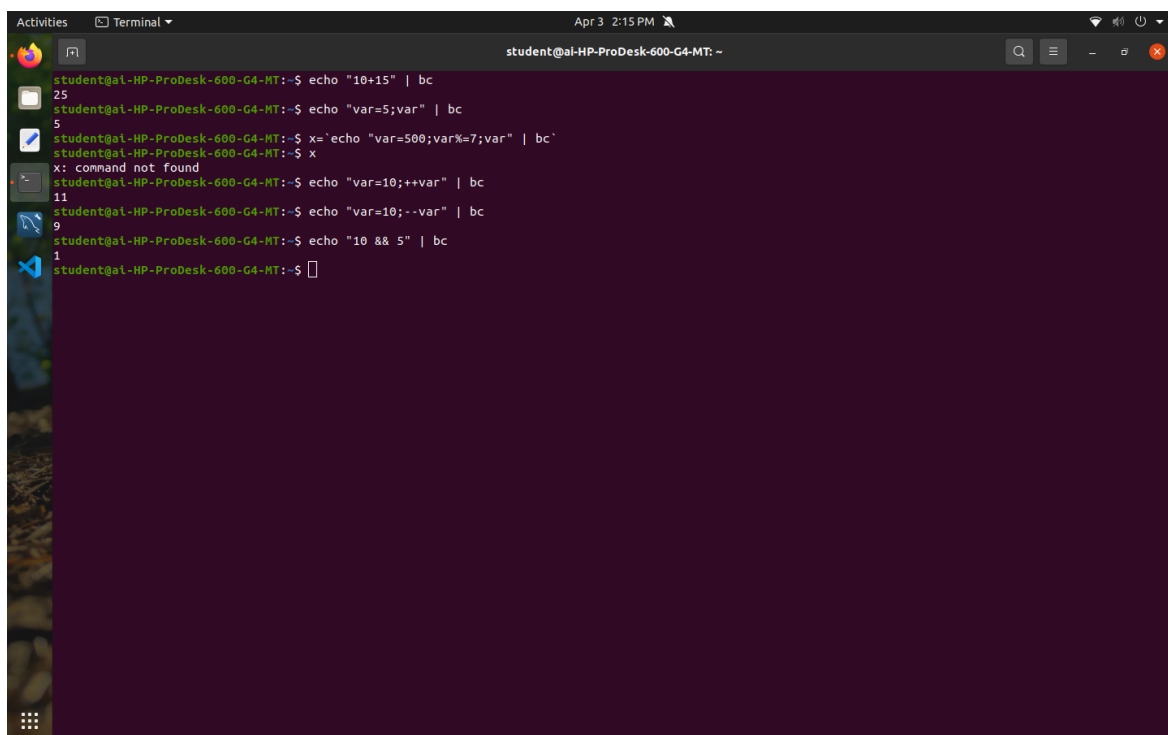
Name: B.Sumanth

Sec: "A"

Roll No: 422120

ASSIGNMENT 6:

bc



```
student@ai-HP-ProDesk-600-G4-MT:~$ echo "10+15" | bc
25
student@ai-HP-ProDesk-600-G4-MT:~$ echo "var=5;var" | bc
5
student@ai-HP-ProDesk-600-G4-MT:~$ x=`echo "var=500;var%=7;var" | bc`
student@ai-HP-ProDesk-600-G4-MT:~$ x
x: command not found
student@ai-HP-ProDesk-600-G4-MT:~$ echo "var=10;++var" | bc
11
student@ai-HP-ProDesk-600-G4-MT:~$ echo "var=10;--var" | bc
9
student@ai-HP-ProDesk-600-G4-MT:~$ echo "10 && 5" | bc
1
student@ai-HP-ProDesk-600-G4-MT:~$
```

comm

```
Activities Terminal Apr 3 2:38 PM student@ai-HP-ProDesk-600-G4-MT: ~
student@ai-HP-ProDesk-600-G4-MT:~$ cat name.txt
Apaar
Hemant
Lucky
Pranjal Thakral
student@ai-HP-ProDesk-600-G4-MT:~$ cat cities.txt
virginia
connecticut
delaware
georgia
maryland
massachusetts
new hampshire
new jersey
new york
noth carolina
pennsylvania
rhode island
south caroliana
student@ai-HP-ProDesk-600-G4-MT:~$ comm name.txt cities.txt
Apaar
Hemant
Lucky
Pranjal Thakral
virginia
comm: file 2 is not in sorted order
connecticut
delaware
georgia
maryland
massachusetts
new hampshire
new jersey
new york
noth carolina
pennsylvania
rhode island
south caroliana
student@ai-HP-ProDesk-600-G4-MT:~$ comm -1 name.txt cities.txt
virginia
comm: file 2 is not in sorted order
connecticut
delaware
georgia
maryland
massachusetts
```

```
Activities Terminal Apr 3 2:38 PM student@ai-HP-ProDesk-600-G4-MT: ~
georgia
maryland
massachusetts
new hampshire
new jersey
new york
noth carolina
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maryland
massachusetts
new hampshire
new jersey
new york
noth carolina
pennsylvania
rhode island
south caroliana
student@ai-HP-ProDesk-600-G4-MT:~$
```

Diff

```
Activities Terminal Apr 3 3:05 PM student@ai-HP-ProDesk-600-G4-MT: ~
student@ai-HP-ProDesk-600-G4-MT:~$ cat name.txt
Apaar
Hemant
Lucky
Pranjal Thakral
student@ai-HP-ProDesk-600-G4-MT:~$ cat cities.txt
virginia
connecticut
delaware
georgia
maryland
massachusetts
new hampshire
new jersey
new york
noth carolina
pennsylvania
rhode island
south carollana
student@ai-HP-ProDesk-600-G4-MT:~$ diff name.txt cities.txt
1,4c1,13
< Apaar
< Hemant
< Lucky
< Pranjal Thakral
...
> virginia
> connecticut
> delaware
> georgia
> maryland
> massachusetts
> new hampshire
> new jersey
> new york
> noth carolina
> pennsylvania
> rhode island
> south carollana
student@ai-HP-ProDesk-600-G4-MT:~$ diff -c name.txt cities.txt
*** name.txt      2024-04-03 14:35:11.739456529 +0530
--- cities.txt    2024-02-14 16:04:45.668874321 +0530
*****
*** 1,4 ****
! Apaar
! Hemant
```

```
Activities Terminal Apr 3 3:05 PM student@ai-HP-ProDesk-600-G4-MT: ~
south carollana
student@ai-HP-ProDesk-600-G4-MT:~$ diff name.txt cities.txt
1,4c1,13
< Apaar
< Hemant
< Lucky
< Pranjal Thakral
...
> virginia
> connecticut
> delaware
> georgia
> maryland
> massachusetts
> new hampshire
> new jersey
> new york
> noth carolina
> pennsylvania
> rhode island
> south carollana
student@ai-HP-ProDesk-600-G4-MT:~$ diff -c name.txt cities.txt
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--- cities.txt    2024-02-14 16:04:45.668874321 +0530
*****
*** 1,4 ****
! Apaar
! Hemant
! Lucky
! Pranjal Thakral
--- 1,13 ----
! virginia
! connecticut
! delaware
! georgia
! maryland
! massachusetts
! new hampshire
! new jersey
! new york
! noth carolina
! pennsylvania
! rhode island
! south carollana
student@ai-HP-ProDesk-600-G4-MT:~$
```

Finger

```
Activities Terminal Apr 3 3:36 PM student@ai-HP-ProDesk-600-G4-MT: ~
student@ai-HP-ProDesk-600-G4-MT:~$ finger student
Login: student Name:
Directory: /home/student Shell: /bin/bash
On since Wed Apr 3 14:02 (IST) on :0 from :0 (messages off)
On since Wed Apr 3 14:29 (IST) on pts/1 from 172.50.11.76
29 minutes 55 seconds idle
Last login Wed Apr 3 14:43 (IST) on pts/2 from 172.50.11.170
No mail.
No Plan.
student@ai-HP-ProDesk-600-G4-MT:~$ finger -s student
Login Name Tty Idle Login Time Office Office Phone
student *:0 Apr 3 14:02 (:0)
student pts/1 30 Apr 3 14:29 (172.50.11.76)
student pts/2 * Apr 3 14:43 (172.50.11.170)
student@ai-HP-ProDesk-600-G4-MT:~$ finger -p student
Login: student Name:
Directory: /home/student Shell: /bin/bash
On since Wed Apr 3 14:02 (IST) on :0 from :0 (messages off)
On since Wed Apr 3 14:29 (IST) on pts/1 from 172.50.11.76
53 minutes 21 seconds idle
Last login Wed Apr 3 14:43 (IST) on pts/2 from 172.50.11.170
No mail.
student@ai-HP-ProDesk-600-G4-MT:~$
```

Find

```
Activities Terminal Apr 3 3:48 PM student@ai-HP-ProDesk-600-G4-MT: ~
student@ai-HP-ProDesk-600-G4-MT:~$ find ./GFG name *.txt
find: './GFG': No such file or directory
find: 'name': No such file or directory
capital.txt
cities.txt
grep.txt
name.txt
num.txt
state.txt
unix_001.txt
student@ai-HP-ProDesk-600-G4-MT:~$ cat capital.txt
itanagar
dispur
hyderabad
patna
raipur
jabalpur
student@ai-HP-ProDesk-600-G4-MT:~$ cat capital.txt
```

ftp

```
Activities Terminal Apr 3 3:52 PM student@ai-HP-ProDesk-600-G4-MT: ~

student@ai-HP-ProDesk-600-G4-MT:~$ ftp
ftp> ?
Commands may be abbreviated.  Commands are:

!          dir          mdelete    qc          site
$          disconnect  mdir       sendport   size
account    exit          mget       put         status
append     form         mkdir      pwd         struct
ascii      get          mls        quote       system
bell       glob         mode       recv        sunique
binary     hash         modtime    reget       tenex
bye        help         mput       reset       tick
case       idle         newer      rstatus     trace
cd         image        nmap       rhelp       type
cdup       ipany        nlist      rename      user
chmod      ipv4         ntrans     reset       unask
close      ipv6         open       restart     verbose
cr         lcd          prompt     rmdir       ?
delete     ls           passive    runique
debug      macdef       proxy      send

ftp> !
student@ai-HP-ProDesk-600-G4-MT:~$ ftp
ftp> get filename
Not connected.
ftp> !
student@ai-HP-ProDesk-600-G4-MT:~$
```

Lpstat

```
Activities Terminal Apr 3 4:10 PM student@ai-HP-ProDesk-600-G4-MT: ~

student@ai-HP-ProDesk-600-G4-MT:~$ lpstat
student@ai-HP-ProDesk-600-G4-MT:~$ student
student: command not found
student@ai-HP-ProDesk-600-G4-MT:~$ lpstat -p
printer Brother_DCP_B7535DW_series is idle, enabled since Wednesday 03 April 2024 04:05:22 PM
printer Canon_IR2006_2206 is idle, enabled since Monday 11 September 2023 04:22:48 PM
printer Canon_IR2006_2206_1 is idle, enabled since Wednesday 03 April 2024 04:05:07 PM
printer Canon_IR2006_2206_2 is idle, enabled since Friday 22 March 2024 02:45:17 PM
printer Canon_MF260_1 is idle, enabled since Monday 27 June 2022 02:59:53 PM
printer Canon_MF260_2 is idle, enabled since Friday 04 March 2022 08:40:06 AM
printer HP_LaserJet_Pro_M329_DF1BEF_ is idle, enabled since Wednesday 11 August 2021 11:28:26 AM
printer HP_LaserJet_Pro_M329_DF2BAB_ is idle, enabled since Thursday 15 September 2022 10:32:17 AM
printer HP_LaserJet_Pro_M329_DF8BEF_ is idle, enabled since Monday 27 June 2022 03:00:12 PM
student@ai-HP-ProDesk-600-G4-MT:~$ lpstat -t
scheduler is running
no system default destination
device for Brother_DCP_B7535DW_series: implicitclass://Brother_DCP_B7535DW_series/
device for Canon_IR2006_2206: implicitclass://Canon_IR2006_2206/
device for Canon_IR2006_2206_1: implicitclass://Canon_IR2006_2206_1/
device for Canon_IR2006_2206_2: implicitclass://Canon_IR2006_2206_2/
device for Canon_MF260_1: implicitclass://Canon_MF260_1/
device for Canon_MF260_2: implicitclass://Canon_MF260_2/
device for HP_LaserJet_Pro_M329_DF1BEF_: implicitclass://HP_LaserJet_Pro_M329_DF1BEF_/
device for HP_LaserJet_Pro_M329_DF2BAB_: implicitclass://HP_LaserJet_Pro_M329_DF2BAB_/
device for HP_LaserJet_Pro_M329_DF8BEF_: implicitclass://HP_LaserJet_Pro_M329_DF8BEF_/
Brother_DCP_B7535DW_series accepting requests since Wednesday 03 April 2024 04:05:22 PM
Canon_IR2006_2206 accepting requests since Monday 11 September 2023 04:22:48 PM
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student@ai-HP-ProDesk-600-G4-MT:~$ lpstat -a
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```

```
Activities Terminal Apr 3 4:10 PM
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device for Canon_Ir2006_2206_1_: implicitclass://Canon_Ir2006_2206_1_/
device for Canon_Ir2006_2206_2_: implicitclass://Canon_Ir2006_2206_2_/
device for Canon_MF260_1_: implicitclass://Canon_MF260_1_/
device for Canon_MF260_2_: implicitclass://Canon_MF260_2_/
device for HP_LaserJet_Pro_M329_DF1BEF_: implicitclass://HP_LaserJet_Pro_M329_DF1BEF_/
device for HP_LaserJet_Pro_M329_DF2BAB_: implicitclass://HP_LaserJet_Pro_M329_DF2BAB_/
device for HP_LaserJet_Pro_M329_DF8BEF_: implicitclass://HP_LaserJet_Pro_M329_DF8BEF_/
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HP_LaserJet_Pro_M329_DF8BEF_ accepting requests since Monday 27 June 2022 03:00:12 PM
student@ai-HP-ProDesk-600-G4-MT:~$ lpstat -d
no system default destination
student@ai-HP-ProDesk-600-G4-MT:~$
```

Mesg

```
Activities Terminal Apr 3 4:13 PM
student@ai-HP-ProDesk-600-G4-MT: ~
student@ai-HP-ProDesk-600-G4-MT:~$ mesg y
student@ai-HP-ProDesk-600-G4-MT:~$ mesg n
student@ai-HP-ProDesk-600-G4-MT:~$ mesg
is n
student@ai-HP-ProDesk-600-G4-MT:~$
```