

ASSIGNMENT - 6

Write shell script for commands: bc, comm, chown, chgrp, cron, dd, diff, finger, find, ftp, lock, ln, lp, lpstat, mesg.

```
Activities Terminal Apr 3 14:28
student@ai-HP-ProDesk-600-G4-MT:~$ echo "12+5" | bc
17
student@ai-HP-ProDesk-600-G4-MT:~$ x=`echo "12+5" | bc`
student@ai-HP-ProDesk-600-G4-MT:~$ echo $x
17
student@ai-HP-ProDesk-600-G4-MT:~$ echo "var=10;var" | bc
10
student@ai-HP-ProDesk-600-G4-MT:~$ x=`echo "var=500;var%=7;var" | bc`
student@ai-HP-ProDesk-600-G4-MT:~$ echo $x
3
student@ai-HP-ProDesk-600-G4-MT:~$ echo "var=10;var++" | bc
10
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
10
student@ai-HP-ProDesk-600-G4-MT:~$ echo "10>5" | bc
1
student@ai-HP-ProDesk-600-G4-MT:~$ echo "10 && 5" | bc
1
student@ai-HP-ProDesk-600-G4-MT:~$ pi=`echo "h=10;4*a(1)" | bc -l`
student@ai-HP-ProDesk-600-G4-MT:~$ echo $pi
3.14159265358979323844
student@ai-HP-ProDesk-600-G4-MT:~$ echo "s($pi/3)" | bc -l
.86602540378443864675
student@ai-HP-ProDesk-600-G4-MT:~$ echo 'n=8;m=10;if(n>m) print "n is greater" else print "m is greater" ' | bc -l
m is greater
student@ai-HP-ProDesk-600-G4-MT:~$ echo "for(i=1;i<=10;i++) {i;} " | bc
1
2
3
4
5
6
7
8
9
10
student@ai-HP-ProDesk-600-G4-MT:~$ riable is increased first and then result of variable is stored.
riable: command not found
student@ai-HP-ProDesk-600-G4-MT:~$ var++ : Post increment operator, r
```

```
Activities Terminal Apr 3 14:40
student@ai-HP-ProDesk-600-G4-MT:~$ cd Desktop
student@ai-HP-ProDesk-600-G4-MT:~/Desktop$ cd 422133
student@ai-HP-ProDesk-600-G4-MT:~/Desktop/422133$ cat file1.txt
Ahmedabad
Chattogram
Espanol
Gurugram
India
Krishna
Mathura
student@ai-HP-ProDesk-600-G4-MT:~/Desktop/422133$ cat file2.txt
Baireilly
Denmark
Finland
Haryana
Jaigaon
Lonawala
Nanded
student@ai-HP-ProDesk-600-G4-MT:~/Desktop/422133$ comm file1.txt file2.txt
Ahmedabad
Baireilly
Chattogram
Denmark
Espanol
Finland
Gurugram
Haryana
India
Jaigaon
Krishna
Lonawala
Mathura
Nanded
student@ai-HP-ProDesk-600-G4-MT:~/Desktop/422133$ comm -1 file1.txt file2.txt
Baireilly
Denmark
Finland
Haryana
Jaigaon
Lonawala
Nanded
student@ai-HP-ProDesk-600-G4-MT:~/Desktop/422133$ comm -2 file1.txt file2.txt
Ahmedabad
Chattogram
Espanol
Gurugram
```

```
Activities Terminal Apr 3 14:40
Terminal
Espanol
Finland
Gurugram
Haryana
India
Jaigaon
Krishna
Lonawala
Mathura
Nanded
student@ai-HP-ProDesk-600-G4-MT:~/Desktop/422133$ comm -1 file1.txt file2.txt
Baireilly
Denmark
Finland
Haryana
Jaigaon
Lonawala
Nanded
student@ai-HP-ProDesk-600-G4-MT:~/Desktop/422133$ comm -2 file1.txt file2.txt
Ahmedabad
Chattogram
Espanol
Gurugram
India
Krishna
Mathura
student@ai-HP-ProDesk-600-G4-MT:~/Desktop/422133$ comm -3 file1.txt file2.txt
Ahmedabad
Baireilly
Chattogram
Denmark
Espanol
Finland
Gurugram
Haryana
India
Jaigaon
Krishna
Lonawala
Mathura
Nanded
student@ai-HP-ProDesk-600-G4-MT:~/Desktop/422133$ comm - -check-order file1.txt file2.txt
comm: invalid option -- 'c'
Try 'comm --help' for more information.
student@ai-HP-ProDesk-600-G4-MT:~/Desktop/422133$
```

```
Activities Terminal Apr 3 14:52
Terminal
student@ai-HP-ProDesk-600-G4-MT:~$ cd Desktop
student@ai-HP-ProDesk-600-G4-MT:~/Desktop$ cd 422133
student@ai-HP-ProDesk-600-G4-MT:~/Desktop/422133$ chown -c student file1.txt
student@ai-HP-ProDesk-600-G4-MT:~/Desktop/422133$ chown -v student file1.txt
ownership of 'file1.txt' retained as student
student@ai-HP-ProDesk-600-G4-MT:~/Desktop/422133$ chown -f student file1.txt
student@ai-HP-ProDesk-600-G4-MT:~/Desktop/422133$ ls -l file1.txt
-rw-rw-r-- 1 student student 61 Apr 3 14:32 file1.txt
student@ai-HP-ProDesk-600-G4-MT:~/Desktop/422133$ chown :student file1.txt
student@ai-HP-ProDesk-600-G4-MT:~/Desktop/422133$ chown student:student group1
chown: cannot access 'group1': No such file or directory
student@ai-HP-ProDesk-600-G4-MT:~/Desktop/422133$ chown student:student 422133
chown: cannot access '422133': No such file or directory
student@ai-HP-ProDesk-600-G4-MT:~/Desktop/422133$ cd
student@ai-HP-ProDesk-600-G4-MT:~$ cd Desktop
student@ai-HP-ProDesk-600-G4-MT:~/Desktop$ chown student:student 422133
student@ai-HP-ProDesk-600-G4-MT:~/Desktop$ chown student:student file1.txt file2.txt
chown: cannot access 'file1.txt': No such file or directory
chown: cannot access 'file2.txt': No such file or directory
student@ai-HP-ProDesk-600-G4-MT:~/Desktop$ cd 422133
student@ai-HP-ProDesk-600-G4-MT:~/Desktop/422133$ chown student:student file1.txt file2.txt
student@ai-HP-ProDesk-600-G4-MT:~/Desktop/422133$
student@ai-HP-ProDesk-600-G4-MT:~/Desktop/422133$
```

```
Activities Terminal Apr 3 15:00
Terminal
student@ai-HP-ProDesk-600-G4-MT:~$ cd Desktop
student@ai-HP-ProDesk-600-G4-MT:~/Desktop$ cd 422133
student@ai-HP-ProDesk-600-G4-MT:~/Desktop/422133$ chgrp developers file1.txt file2.txt
chgrp: invalid group: 'developers'
student@ai-HP-ProDesk-600-G4-MT:~/Desktop/422133$ chgrp student file1.txt file2.txt
student@ai-HP-ProDesk-600-G4-MT:~/Desktop/422133$ cd
student@ai-HP-ProDesk-600-G4-MT:~$ cd Desktop
student@ai-HP-ProDesk-600-G4-MT:~/Desktop$ sudo chgrp student 422133
[sudo] password for student:
student@ai-HP-ProDesk-600-G4-MT:~/Desktop$ sudo chgrp -R student 422133
student@ai-HP-ProDesk-600-G4-MT:~/Desktop$ sudo chgrp -c student 422133
student@ai-HP-ProDesk-600-G4-MT:~/Desktop$ sudo chgrp -f student 422133
student@ai-HP-ProDesk-600-G4-MT:~/Desktop$
```

```
Activities Terminal Apr 3 15:29
Terminal
GNU nano 4.8 /tmp/crontab.pb53eF/crontab
# Edit this file to introduce tasks to be run by cron.
#
# Each task to run has to be defined through a single line
# indicating with different fields when the task will be run
# and what command to run for the task
#
# To define the time you can provide concrete values for
# minute (m), hour (h), day of month (dom), month (mon),
# and day of week (dow) or use '*' in these fields (for 'any').
#
# Notice that tasks will be started based on the cron's system
# daemon's notion of time and timezones.
#
# Output of the crontab jobs (including errors) is sent through
# email to the user the crontab file belongs to (unless redirected).
#
# For example, you can run a backup of all your user accounts
# at 5 a.m every week with:
# 0 5 * * 1 tar -zcf /var/backups/home.tgz /home/
#
# For more information see the manual pages of crontab(5) and cron(8)
#
# m h dom mon dow command
30 07, 09, 13, 15 * * * /home/student/Desktop/422133/sos.sh
```

Get Help Write Out Where Is Cut Text Justify Cur Pos M-U Undo M-A Mark Text M-I To Bracket
Exit Read File Replace Paste Text To Spell Go To Line M-E Redo M-C Copy Text M-Q Where Was

```
Activities Terminal Apr 4 17:16
Terminal
student@ai-HP-ProDesk-600-G4-MT:~$ cd Desktop
student@ai-HP-ProDesk-600-G4-MT:~/Desktop$ cd 422133
student@ai-HP-ProDesk-600-G4-MT:~/Desktop/422133$ diff file1.txt file2.txt
1,7c1,7
< Ahmedabad
< Chattogram
< Espanol
< Gurugram
< India
< Krishna
< Mathura
---
> Baireilly
> Denmark
> Finland
> Haryana
> Jaigaon
> Lonawala
> Nanded
student@ai-HP-ProDesk-600-G4-MT:~/Desktop/422133$ diff -c file1.txt file2.txt
*** file1.txt      2024-04-03 14:32:24.352536378 +0530
--- file2.txt      2024-04-03 14:38:20.864065877 +0530
*****
*** 1,7 ***
! Ahmedabad
! Chattogram
! Espanol
! Gurugram
! India
! Krishna
! Mathura
--- 1,7 ----
! Baireilly
! Denmark
! Finland
! Haryana
! Jaigaon
! Lonawala
! Nanded
student@ai-HP-ProDesk-600-G4-MT:~/Desktop/422133$ diff -u file1.txt file2.txt
--- file1.txt      2024-04-03 14:32:24.352536378 +0530
+++ file2.txt      2024-04-03 14:38:20.864065877 +0530
@@ -1,7 +1,7 @@
-Ahmedabad
-Chattogram
-Espanol
```

```
Activities Terminal Apr 4 17:16
Terminal
! Mathura
--- 1,7 ----
! Baireilly
! Denmark
! Finland
! Haryana
! Jaigaon
! Lonawala
! Nanded
student@ai-HP-ProDesk-600-G4-MT:~/Desktop/422133$ diff -u file1.txt file2.txt
--- file1.txt      2024-04-03 14:32:24.352536378 +0530
+++ file2.txt      2024-04-03 14:38:20.864065877 +0530
@@ -1,7 +1,7 @@
-Ahmedabad
-Chattogram
-Espanol
-Gurugram
-India
-Krishna
-Mathura
+Baireilly
+Denmark
+Finland
+Haryana
+Jaigaon
+Lonawala
+Nanded
student@ai-HP-ProDesk-600-G4-MT:~/Desktop/422133$ diff -i file1.txt file2.txt
1,7c1,7
< Ahmedabad
< Chattogram
< Espanol
< Gurugram
< India
< Krishna
< Mathura
---
> Baireilly
> Denmark
> Finland
> Haryana
> Jaigaon
> Lonawala
> Nanded
student@ai-HP-ProDesk-600-G4-MT:~/Desktop/422133$
```



```
Activities Terminal Apr 4 17:18
student@ai-HP-ProDesk-600-G4-MT:~$ finger student
Login: student          Name:
Directory: /home/student Shell: /bin/bash
On since Thu Apr 4 17:12 (IST) on :0 from :0 (messages off)
No mail.
No Plan.
student@ai-HP-ProDesk-600-G4-MT:~$ finger -s student
Login   Name      Tty      Idle   Login Time   Office   Office Phone
student *:*      Apr 4 17:12 (:0)
student@ai-HP-ProDesk-600-G4-MT:~$ finger -p student
Login: student          Name:
Directory: /home/student Shell: /bin/bash
On since Thu Apr 4 17:12 (IST) on :0 from :0 (messages off)
No mail.
Project:
Project Details
No Plan.
student@ai-HP-ProDesk-600-G4-MT:~$ echo "Project Details" > ~/.project
student@ai-HP-ProDesk-600-G4-MT:~$ finger student
Login: student          Name:
Directory: /home/student Shell: /bin/bash
On since Thu Apr 4 17:12 (IST) on :0 from :0 (messages off)
No mail.
Project:
Project Details
No Plan.
student@ai-HP-ProDesk-600-G4-MT:~$
```

```
Activities Terminal Apr 4 17:26
student@ai-HP-ProDesk-600-G4-MT:~$ find ~ -name "file1.txt"
/home/student/Desktop/422133/file1.txt
student@ai-HP-ProDesk-600-G4-MT:~$ cd Desktop
student@ai-HP-ProDesk-600-G4-MT:~/Desktop$ find ./422133 -name *.txt
./422133/file1.txt
./422133/file2.txt
student@ai-HP-ProDesk-600-G4-MT:~/Desktop$ find ./422133 -name file3.txt -exec rm -i {} \;
student@ai-HP-ProDesk-600-G4-MT:~/Desktop$ find ./422133 -empty
./422133/file1.txt-
student@ai-HP-ProDesk-600-G4-MT:~/Desktop$ find ./422133 -perm 664
./422133/file1.txt
./422133/file2.txt-
./422133/file2.txt
./422133/file1.txt-
student@ai-HP-ProDesk-600-G4-MT:~/Desktop$
```

```
Activities Terminal Apr 4 17:34
student@a1-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        quit        system
bell       glob         mode       quote       sunique
binary     hash         modtime    recv        tenex
bye        help         mput       reget       tick
case       idle         newer      rstatus     trace
cd         image        nmap       rhelp       type
cdup       ipany        nlist      rename     user
chmod      ipv4         ntrans     reset      unmask
close      ipv6         open       restart    verbose
cr         lcd          prompt     rmdir      ?
delete     ls           passive    runique
debug      macdef       proxy      send

ftp> !
student@a1-HP-ProDesk-600-G4-MT:~$ ftp
ftp> ascii
Not connected.
ftp> binary
Not connected.
ftp> mget *.txt
Not connected.
ftp> mput *.txt
Not connected.
ftp> close
Not connected.
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        quit        system
bell       glob         mode       quote       sunique
binary     hash         modtime    recv        tenex
bye        help         mput       reget       tick
case       idle         newer      rstatus     trace
cd         image        nmap       rhelp       type
cdup       ipany        nlist      rename     user
```

```
Activities Terminal Apr 4 17:34
ftp> !
student@a1-HP-ProDesk-600-G4-MT:~$ ftp
ftp> ascii
Not connected.
ftp> binary
Not connected.
ftp> mget *.txt
Not connected.
ftp> mput *.txt
Not connected.
ftp> close
Not connected.
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        quit        system
bell       glob         mode       quote       sunique
binary     hash         modtime    recv        tenex
bye        help         mput       reget       tick
case       idle         newer      rstatus     trace
cd         image        nmap       rhelp       type
cdup       ipany        nlist      rename     user
chmod      ipv4         ntrans     reset      unmask
close      ipv6         open       restart    verbose
cr         lcd          prompt     rmdir      ?
delete     ls           passive    runique
debug      macdef       proxy      send

ftp> status
Not connected.
No proxy connection.
Connecting using address family: any.
Mode: ; Type: ; Form: ; Structure:
Verbose: on; Bell: off; Prompting: on; Globbing: on
Store unique: off; Receive unique: off
Case: off; CR stripping: on
Quote control characters: on
Ntrans: off
Nmap: off
Hash mark printing: off; Use of PORT cmds: on
Tick counter printing: off
ftp>
```

```
Activities Terminal Apr 4 17:48
student@ai-HP-ProDesk-600-G4-MT:~$ cd Desktop
student@ai-HP-ProDesk-600-G4-MT:~/Desktop$ cd 622231
student@ai-HP-ProDesk-600-G4-MT:~/Desktop/622231$ ls
circularlinkedlist.py 'infix to post fix.py' 'stack output.py'
'double linkedlist.py' 'linked list.py' stack.py
heap.py queue.py
student@ai-HP-ProDesk-600-G4-MT:~/Desktop/622231$ cat queue.py
#queue
class Queue:
    def __init__(self):
        self.items = []
    def is_empty(self):
        return len(self.items) == 0
    def enqueue(self, item):
        self.items.append(item)
    def dequeue(self):
        if not self.is_empty():
            return self.items.pop(0)
        else:
            raise IndexError("Cannot dequeue from an empty queue")
    def size(self):
        return len(self.items)
queue = Queue()
queue.enqueue(1)
queue.enqueue(2)
queue.enqueue(3)
print(queue.dequeue())
print(queue.dequeue())
print(queue.is_empty())
print(queue.size())
student@ai-HP-ProDesk-600-G4-MT:~/Desktop/622231$ ln queue.py linkfile.py
student@ai-HP-ProDesk-600-G4-MT:~/Desktop/622231$ pyhton3 linkfile.py
Command 'pyhton3' not found, did you mean:
  command 'python3' from deb python3 (3.8.2-0ubuntu2)
Try: sudo apt install <deb name>
student@ai-HP-ProDesk-600-G4-MT:~/Desktop/622231$ python3 linkfile.py
1
2
False
1
student@ai-HP-ProDesk-600-G4-MT:~/Desktop/622231$ ls -lhr
```

```
Activities Terminal Apr 4 17:48
1
2
False
1
student@ai-HP-ProDesk-600-G4-MT:~/Desktop/622231$ ls -lhr
total 36K
-rw-rw-r-- 1 student student 783 Jan 11 15:29 stack.py
-rw-rw-r-- 1 student student 471 Jan 23 14:27 'stack output.py'
-rw-rw-r-- 2 student student 504 Jan 12 15:34 queue.py
-rw-rw-r-- 2 student student 504 Jan 12 15:34 linkfile.py
-rw-rw-r-- 1 student student 2.7K Feb 9 15:21 'linked list.py'
-rw-rw-r-- 1 student student 783 Jan 11 15:29 'infix to post fix.py'
-rw-rw-r-- 1 student student 1.3K Feb 9 15:33 heap.py
-rw-rw-r-- 1 student student 1.1K Feb 9 15:36 'double linkedlist.py'
-rw-rw-r-- 1 student student 927 Feb 9 16:04 circularlinkedlist.py
student@ai-HP-ProDesk-600-G4-MT:~/Desktop/622231$ ls -lahr
total 44K
-rw-rw-r-- 1 student student 783 Jan 11 15:29 stack.py
-rw-rw-r-- 1 student student 471 Jan 23 14:27 'stack output.py'
-rw-rw-r-- 2 student student 504 Jan 12 15:34 queue.py
-rw-rw-r-- 2 student student 504 Jan 12 15:34 linkfile.py
-rw-rw-r-- 1 student student 2.7K Feb 9 15:21 'linked list.py'
-rw-rw-r-- 1 student student 783 Jan 11 15:29 'infix to post fix.py'
-rw-rw-r-- 1 student student 1.3K Feb 9 15:33 heap.py
-rw-rw-r-- 1 student student 1.1K Feb 9 15:36 'double linkedlist.py'
-rw-rw-r-- 1 student student 927 Feb 9 16:04 circularlinkedlist.py
drwxr-xr-x 10 student student 4.0K Apr 3 14:16 ..
drwxrwxr-x 2 student student 4.0K Apr 4 17:47 .
student@ai-HP-ProDesk-600-G4-MT:~/Desktop/622231$ ls -llahr
total 44K
39978434 -rw-rw-r-- 1 student student 783 Jan 11 15:29 stack.py
39978435 -rw-rw-r-- 1 student student 471 Jan 23 14:27 'stack output.py'
39998091 -rw-rw-r-- 2 student student 504 Jan 12 15:34 queue.py
39998091 -rw-rw-r-- 2 student student 504 Jan 12 15:34 linkfile.py
39978417 -rw-rw-r-- 1 student student 2.7K Feb 9 15:21 'linked list.py'
39978303 -rw-rw-r-- 1 student student 783 Jan 11 15:29 'infix to post fix.py'
39978418 -rw-rw-r-- 1 student student 1.3K Feb 9 15:33 heap.py
39978419 -rw-rw-r-- 1 student student 1.1K Feb 9 15:36 'double linkedlist.py'
39978420 -rw-rw-r-- 1 student student 927 Feb 9 16:04 circularlinkedlist.py
34865689 drwxr-xr-x 10 student student 4.0K Apr 3 14:16 ..
39998089 drwxrwxr-x 2 student student 4.0K Apr 4 17:47 .
student@ai-HP-ProDesk-600-G4-MT:~/Desktop/622231$ |
bash: syntax error near unexpected token '|'
student@ai-HP-ProDesk-600-G4-MT:~/Desktop/622231$ cd
student@ai-HP-ProDesk-600-G4-MT:~$
```



```
Activities Terminal Apr 4 17:52
Terminal
student@ai-HP-ProDesk-600-G4-MT:~$ cd Desktop
student@ai-HP-ProDesk-600-G4-MT:~/Desktop$ cd 622231
student@ai-HP-ProDesk-600-G4-MT:~/Desktop/622231$ ls
circularlinkedlist.py 'infix to post fix.py' queue.py test_dir
'double linkedlist.py' 'linked list.py' 'stack output.py'
heap.py linkfile.py stack.py
student@ai-HP-ProDesk-600-G4-MT:~/Desktop/622231$ ln queue.py test_dir/
student@ai-HP-ProDesk-600-G4-MT:~/Desktop/622231$ cd test_dir/
student@ai-HP-ProDesk-600-G4-MT:~/Desktop/622231/test_dir$ ls
queue.py
student@ai-HP-ProDesk-600-G4-MT:~/Desktop/622231/test_dir$
```

```
Activities Terminal Apr 4 17:58
Terminal
student@ai-HP-ProDesk-600-G4-MT:~$ cd Desktop
student@ai-HP-ProDesk-600-G4-MT:~/Desktop$ lpstat -p -d
printer Brother_DCP_B7535DW_series is idle. enabled since Thursday 07 October 2021 12:00:37 AM
printer Brother_DCP_B7535DW_series@BRNB422001E76C5.local is idle. enabled since Thursday 04 April 2024 05:11:57 PM
printer Canon_IR2006_2206 is idle. enabled since Monday 28 August 2023 08:33:05 PM
printer Canon_IR2006_2206@Canon740b8d.local is idle. enabled since Wednesday 06 September 2023 11:55:10 AM
printer Canon_IR2006_2206@Canon740bf2.local is idle. enabled since Friday 01 September 2023 02:22:01 PM
printer Canon_IR2006_2206@Canon74172b.local is idle. enabled since Thursday 21 March 2024 02:26:32 PM
printer Canon_IR2006_2206_1 is idle. enabled since Monday 28 August 2023 02:17:13 PM
printer Canon_IR2006_2206_1@Canon740bf2.local is idle. enabled since Tuesday 02 January 2024 10:11:20 AM
printer Canon_MF260 is idle. enabled since Tuesday 22 March 2022 11:22:12 AM
printer Canon_MF260_1 is idle. enabled since Saturday 26 March 2022 10:56:55 PM
printer Canon_MF260_1@Canon8c1ca4.local is idle. enabled since Monday 27 June 2022 12:14:37 PM
printer Canon_MF260_1@Canon8c1ca4.local is idle. enabled since Monday 04 April 2022 02:04:42 PM
printer HP_LaserJet_Pro_M329_DF6BF3 is idle. enabled since Wednesday 13 April 2022 11:37:55 AM
printer jkmurthy_sos is idle. enabled since Wednesday 06 September 2023 12:01:08 AM
printer jkmurthy_sos@HPE8D8D1DF1BC5.local is idle. enabled since Thursday 04 April 2024 05:12:17 PM
no system default destination
student@ai-HP-ProDesk-600-G4-MT:~/Desktop$ lp -d Canon_IR2006_2206 -o media letter -o fit-to-page
\lp: Error - unable to access "letter" - No such file or directory
student@ai-HP-ProDesk-600-G4-MT:~/Desktop$ lpcc status
Brother_DCP_B7535DW_series:
  printer is on device 'implicitclass' speed -1
  queuing is enabled
  printing is enabled
  no entries
  daemon present
Brother_DCP_B7535DW_series@BRNB422001E76C5.local:
  printer is on device 'implicitclass' speed -1
  queuing is enabled
  printing is enabled
  no entries
  daemon present
Canon_IR2006_2206:
  printer is on device 'implicitclass' speed -1
  queuing is enabled
  printing is enabled
  no entries
  daemon present
Canon_IR2006_2206@Canon740b8d.local:
  printer is on device 'implicitclass' speed -1
  queuing is enabled
  printing is enabled
  no entries
  daemon present
Canon_IR2006_2206@Canon740bf2.local:
```



```
Activities Terminal Apr 4 17:58
printer is on device 'implicitclass' speed -1
queuing is enabled
printing is enabled
no entries
daemon present
Canon_IR2006_2206@Canon740bf2.local:
printer is on device 'implicitclass' speed -1
queuing is enabled
printing is enabled
no entries
daemon present
Canon_IR2006_2206@Canon74172b.local:
printer is on device 'implicitclass' speed -1
queuing is enabled
printing is enabled
no entries
daemon present
Canon_IR2006_2206_1_:
printer is on device 'implicitclass' speed -1
queuing is enabled
printing is enabled
no entries
daemon present
Canon_IR2006_2206_1_@Canon740bf2.local:
printer is on device 'implicitclass' speed -1
queuing is enabled
printing is enabled
no entries
daemon present
Canon_MF260:
printer is on device 'implicitclass' speed -1
queuing is enabled
printing is enabled
no entries
daemon present
Canon_MF260_1_:
printer is on device 'implicitclass' speed -1
queuing is enabled
printing is enabled
no entries
daemon present
Canon_MF260_1_@Canon8c1c0c.local:
printer is on device 'implicitclass' speed -1
queuing is enabled
printing is enabled
no entries
```

```
Activities Terminal Apr 4 17:58
no entries
daemon present
Canon_MF260:
printer is on device 'implicitclass' speed -1
queuing is enabled
printing is enabled
no entries
daemon present
Canon_MF260_1_:
printer is on device 'implicitclass' speed -1
queuing is enabled
printing is enabled
no entries
daemon present
Canon_MF260_1_@Canon8c1c0c.local:
printer is on device 'implicitclass' speed -1
queuing is enabled
printing is enabled
no entries
daemon present
Canon_MF260_1_@Canon8c1ca4.local:
printer is on device 'implicitclass' speed -1
queuing is enabled
printing is enabled
no entries
daemon present
HP_LaserJet_Pro_M329_DF6BF3_:
printer is on device 'implicitclass' speed -1
queuing is enabled
printing is enabled
no entries
daemon present
jkmurthy_sos:
printer is on device 'implicitclass' speed -1
queuing is enabled
printing is enabled
no entries
daemon present
jkmurthy_sos@HPE8D8D1DF1BC5.local:
printer is on device 'implicitclass' speed -1
queuing is enabled
printing is enabled
no entries
daemon present
student@al-HP-ProDesk-600-G4-MT:~/Desktop$
```

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ROLL NO : 422133

SECTION : A