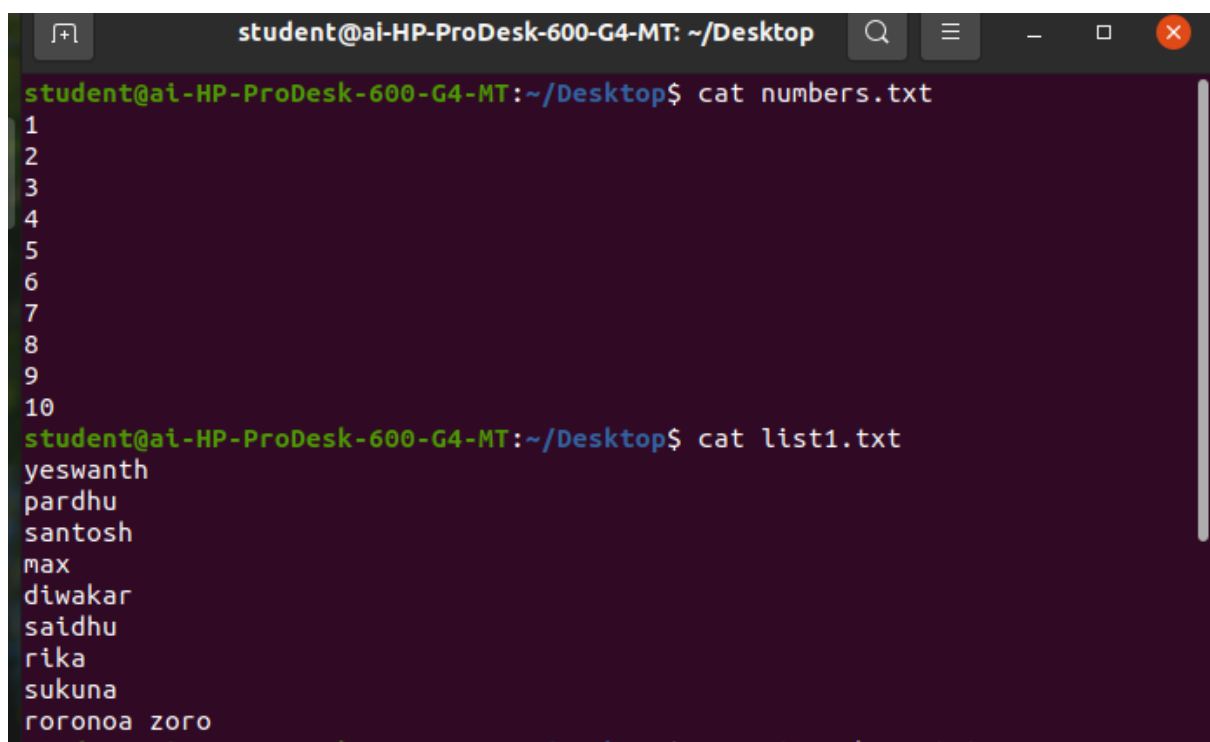


NAME : ch.yeswanth

ROLL NO : 422131

SECTION : A

A terminal window titled 'student@ai-HP-ProDesk-600-G4-MT: ~/Desktop' with standard window controls. The terminal shows two commands and their outputs. The first command is 'cat numbers.txt', which outputs the numbers 1 through 10. The second command is 'cat list1.txt', which outputs a list of names: yeswanth, pardhu, santosh, max, diwakar, saidhu, rika, sukuna, and roronoa zoro.

```
student@ai-HP-ProDesk-600-G4-MT: ~/Desktop$ cat numbers.txt
1
2
3
4
5
6
7
8
9
10
student@ai-HP-ProDesk-600-G4-MT: ~/Desktop$ cat list1.txt
yeswanth
pardhu
santosh
max
diwakar
saidhu
rika
sukuna
roronoa zoro
```

```
Action (h for help) ? abort
```

```
EOF: exit (status 4)
```

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

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

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10

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

2024-02-14 14:18

numbers.txt

Page 1

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10

```
student@ai-HP-ProDesk-600-G4-MT:~/Desktop$  
student@ai-HP-ProDesk-600-G4-MT:~/Desktop$ pr -3 numbers.txt
```

2024-02-14 14:18

numbers.txt

Page 1

1	5	8
2	6	9
3	7	10
4		

```
student@ai-HP-ProDesk-600-G4-MT:~/Desktop$ paste -d "|" list1.txt numbers.txt numbers.txt
```

```
yeswanth|1,1  
pardhu|2,2  
santosh|3,3  
max|4,4  
diwakar|5,5  
saidhu|6,6  
rika|7,7  
sukuna|8,8  
roronoa zoro|9,9  
|10,10
```

```
student@ai-HP-ProDesk-600-G4-MT:~/Desktop$ sort list1.txt
```

```
diwakar  
max  
pardhu  
rika  
roronoa zoro  
saidhu  
santosh  
sukuna  
yeswanth
```

```
student@ai-HP-ProDesk-600-G4-MT:~/Desktop$ cat list1.txt
```

```
yeswanth  
pardhu  
santosh  
max  
diwakar  
saidhu  
rika  
sukuna  
roronoa zoro
```

```
student@ai-HP-ProDesk-600-G4-MT:~/Desktop$ sort -r list1.txt
```

```
yeswanth  
sukuna  
santosh  
saidhu  
roronoa zoro  
rika  
pardhu  
max  
diwakar
```

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



student@ai-HP-ProDesk-600-G4-MT: ~/Desktop



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

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

2024-02-14 14:18

numbers.txt

Page 1

1
2
3
4
5
6
7
8
9
10

```
Activities Terminal Feb 14 14:45 student@ai-HP-ProDesk-600-G4-MT: ~/Desktop
student@ai-HP-ProDesk-600-G4-MT:~/Desktop$ head list1.txt
yeswanth
pardhu
santosh
max
diwakar
saidhu
rika
sukuna
roronoa zoro
student@ai-HP-ProDesk-600-G4-MT:~/Desktop$ head -n 5 list1.txt
yeswanth
pardhu
santosh
max
diwakar
student@ai-HP-ProDesk-600-G4-MT:~/Desktop$ head -c 15 list1.txt
yeswanth
pardhu
student@ai-HP-ProDesk-600-G4-MT:~/Desktop$ head -v list1.txt
==> list1.txt <==
yeswanth
pardhu
santosh
max
diwakar
saidhu
rika
sukuna
student@ai-HP-ProDesk-600-G4-MT:~/Desktop$ head -c 10 list1.txt numbers.txt
==> list1.txt <==
yeswanth
p
==> numbers.txt <==
1
2
3
4
5
student@ai-HP-ProDesk-600-G4-MT:~/Desktop$ head list1.txt numbers.txt
==> list1.txt <==
yeswanth
pardhu
santosh
max
diwakar
saidhu
```

```
student@ai-HP-ProDesk-600-G4-MT:~/Desktop$ cat list1.txt | tr '[a-z]' '[A-Z]'
YESWANTH
PARDHU
SANTOSH
MAX
DIWAKAR
SAIDHU
RIKA
SUKUNA
student@ai-HP-ProDesk-600-G4-MT:~/Desktop$ cat list1.txt | tr '\n' ' '
yeswanth pardhu santosh max diwakar saidhu rika sukuna student@ai-HP-ProDesk-600-G4-MT:~/Desktop$
```

```
s Terminal ▾  
student@ai-HP-ProDesk-600-G4-MT  
ABCD      hi.sh      s1233.py  
afv.py    list1.txt  sandeep.queue5.1.24  
student@ai-HP-ProDesk-600-G4-MT:~/Desktop$  
student@ai-HP-ProDesk-600-G4-MT:~/Desktop$ cut -b 1,2,3 list1.txt  
yes  
par  
san  
max  
diw  
sai  
rik  
suk  
ror  
student@ai-HP-ProDesk-600-G4-MT:~/Desktop$ cut -b -5 list1.txt  
yeswa  
pardh  
santo  
max  
diwak  
saidh  
rika  
sukun  
roron  
student@ai-HP-ProDesk-600-G4-MT:~/Desktop$ cut -c 3-7 list1.txt  
swant  
rdhu  
ntosh  
x  
wakar  
idhu  
ka  
kuna  
ronoa  
student@ai-HP-ProDesk-600-G4-MT:~/Desktop$
```

```
Activities Terminal Feb 14 14:48 student@ai-HP-ProDesk-600-G4-MT: ~/Desktop
ABCD ht.sh s1233.py
afv.py list1.txt sandeep.queue5.1.24
student@ai-HP-ProDesk-600-G4-MT:~/Desktop$
student@ai-HP-ProDesk-600-G4-MT:~/Desktop$ cut -b 1,2,3 list1.txt
yes
par
san
max
diw
sai
rik
suk
ror
student@ai-HP-ProDesk-600-G4-MT:~/Desktop$ cut -b -5 list1.txt
yeswa
pardh
santo
max
diwak
saidh
rika
sukun
roron
student@ai-HP-ProDesk-600-G4-MT:~/Desktop$ cut -c 3-7 list1.txt
swant
rdhu
ntosh
x
wakar
idhu
ka
kuna
ronoa
student@ai-HP-ProDesk-600-G4-MT:~/Desktop$
```

```
student@ai-HP-ProDesk-600-G4-MT:~/Desktop$ !echo "Welcome To GeeksforGeeks" | tr -d W
echo hello guys "Welcome To GeeksforGeeks" | tr -d W
hello guys elcome To GeeksforGeeks
student@ai-HP-ProDesk-600-G4-MT:~/Desktop$ echo "my ID is 73535" | tr -d [:digit:]
my ID is
student@ai-HP-ProDesk-600-G4-MT:~/Desktop$ grep -i "connect" list2.txt
Connecticut
Connecticut
student@ai-HP-ProDesk-600-G4-MT:~/Desktop$ grep -c "Connecticut" list2.txt
2
student@ai-HP-ProDesk-600-G4-MT:~/Desktop$ grep -c "Connecticut" list2.txt
2
student@ai-HP-ProDesk-600-G4-MT:~/Desktop$ grep -o "Connecticut" list2.txt
Connecticut
Connecticut
student@ai-HP-ProDesk-600-G4-MT:~/Desktop$ grep -n "Connecticut" list2.txt
2:Connecticut
3:Connecticut
student@ai-HP-ProDesk-600-G4-MT:~/Desktop$
```

```
Activities Terminal student@ai-HP-ProDesk-600-G4-MT:~/Desktop$ cat list2.txt
Virginia
Connecticut
Connecticut
Delaware
Georgia
Maryland
Massachusetts
New Hampshire
New Jersey
New York
North Carolina
North Carolina
North Carolina
Pennsylvania
Rhode Island
South Carolina
student@ai-HP-ProDesk-600-G4-MT:~/Desktop$ uniq list2.txt
Virginia
Connecticut
Delaware
Georgia
Maryland
Massachusetts
New Hampshire
New Jersey
New York
North Carolina
Pennsylvania
Rhode Island
South Carolina
student@ai-HP-ProDesk-600-G4-MT:~/Desktop$ uniq -c list2.txt
 1 Virginia
 2 Connecticut
 1 Delaware
 1 Georgia
 1 Maryland
 1 Massachusetts
 1 New Hampshire
 1 New Jersey
 1 New York
 3 North Carolina
 1 Pennsylvania
 1 Rhode Island
 1 South Carolina
student@ai-HP-ProDesk-600-G4-MT:~/Desktop$ uniq -d list2.txt
```



```
es Terminal
student@ai-HP-Pr
South Carolina
student@ai-HP-ProDesk-600-G4-MT:~/Desktop$ uniq list2.txt
Virginia
Connecticut
Delaware
Georgia
Maryland
Massachusetts
New Hampshire
New Jersey
New York
North Carolina
Pennsylvania
Rhode Island
South Carolina
student@ai-HP-ProDesk-600-G4-MT:~/Desktop$ uniq -c list2.txt
  1 Virginia
  2 Connecticut
  1 Delaware
  1 Georgia
  1 Maryland
  1 Massachusetts
  1 New Hampshire
  1 New Jersey
  1 New York
  3 North Carolina
  1 Pennsylvania
  1 Rhode Island
  1 South Carolina
student@ai-HP-ProDesk-600-G4-MT:~/Desktop$ uniq -d list2.txt
Connecticut
North Carolina
student@ai-HP-ProDesk-600-G4-MT:~/Desktop$ uniq -u list2.txt
Virginia
Delaware
Georgia
Maryland
Massachusetts
New Hampshire
New Jersey
New York
Pennsylvania
Rhode Island
South Carolina
student@ai-HP-ProDesk-600-G4-MT:~/Desktop$ uniq -u list2.txt
```

