PART-A

PRELAB:

2.

```
[yyzvenkata@toronto3267 ~]$ ls -l file* *tech*
-rw-rw-r--. 1 yyzvenkata yyzvenkata     8 Jan 20 13:01 biotech
-rw-rw-r--. 1 yyzvenkata yyzvenkata 18872 Jan 20 12:28 file
-rw-rw-r--. 1 yyzvenkata yyzvenkata     0 Jan 26 23:31 file1
-rw-rw-r--. 1 yyzvenkata yyzvenkata     0 Jan 26 23:32 file100
-rw-rw-r--. 1 yyzvenkata yyzvenkata     0 Jan 20 12:35 file1000
-rw-rw-r--. 1 yyzvenkata yyzvenkata    29 Jan 20 12:26 file2
-rw-rw-r--. 1 yyzvenkata yyzvenkata     0 Jan 26 23:31 file22a
-rw-rw-r--. 1 yyzvenkata yyzvenkata     0 Jan 26 23:31 file2a
-rw-rw-r--. 1 yyzvenkata yyzvenkata     0 Jan 20 12:29 file3
-rw-rw-r--. 1 yyzvenkata yyzvenkata     0 Jan 26 23:31 file333
-rw-rw-r--. 1 yyzvenkata yyzvenkata 18872 Jan 20 12:28 file4
-rw-rw-r--. 1 yyzvenkata yyzvenkata     9 Jan 20 13:04 infotech
-rw-rw-r--. 1 yyzvenkata yyzvenkata    13 Jan 20 13:05 nontechnical
-rw-rw-r--. 1 yyzvenkata yyzvenkata    12 Jan 20 13:04 polytechnic
-rw-rw-r--. 1 yyzvenkata yyzvenkata     5 Jan 26 23:34 tech
-rw-rw-r--. 1 yyzvenkata yyzvenkata     4 Jan 20 13:02 technic
-rw-rw-r--. 1 yyzvenkata yyzvenkata    10 Jan 20 13:03 technical
-rw-rw-r--. 1 yyzvenkata yyzvenkata    11 Jan 20 13:02 technology
[yyzvenkata@toronto3267 ~]$ █
```

```
[yyzvenkata@toronto3267 ~]$ cd
[yyzvenkata@toronto3267 ~]$ ls -l mycourse.txt
-rw-rw-r--. 1 yyzvenkata yyzvenkata 369 Jan 27 00:09 mycourse.txt
[yyzvenkata@toronto3267 ~]$ cat mycourse.txt
I am studying in Humber's north campus
Humber College, North Campus is in Toronto
Humber offers various program from each school
My school at Humber is FAST
FAST refers to Facult of Applied Sciences and Technolgy
HUMBER
FAST offers my program at Humber
My program is at Humber's North campus.
Other Humber campuses are Lakeshore and Carrier Drive
Humber
HUMBER.
humber
[yyzvenkata@toronto3267 ~]$ █
```

PART -B: 4,5,6,7 – LISTING FILES , WILD CARD

```
[yyzvenkata@toronto3267 ~]$ history | grep -E 'tech|file'
  129  ls -l *tech
  130  ls -l tech*
  131  ls -l file2? file 3?? file 1??
  132  history | grep -E 'tech|file'
[yyzvenkata@toronto3267 ~]$
```

```
  127  ls -l mycourse.txt
  129  ls -l *tech
  130  ls -l tech*
  131  ls -l file2? file 3?? file 1??
  133  history | grep ls
[yyzvenkata@toronto3267 ~]$
```

PART C: REG EX

8.

```
  102  ls -t | grep files
  213  grep '^Humber' mycourse.txt
  214  history | grep ls
  215  grep 'Humber$' mycourse.txt
  216  grep 'Humber' mycourse.txt
  217  grep -v 'Humber' mycourse.txt
  219  history | grep grep
[yyzvenkata@toronto3267 ~]$
```

9.

```
[yyzvenkata@toronto3267 ~]$ history | grep grep | grep dict
  225  grep 'r[ai]ce' /usr/share/dict/words
  226  grep '^r[ai]ce' /usr/share/dict/words
  227  grep '$r[ai]ce' /usr/share/dict/words
  228  grep '^r[ai]ce$' /usr/share/dict/words
  229  history | grep grep | grep dict
[yyzvenkata@toronto3267 ~]$
```

PART-D PRINTING:

10.

Techzone-HP1 (Idle, Accepting Jobs, Not Shared)

Maintenance ⌄   Administration ⌄

Description:
   Location:
      Driver: HP Color LaserJet CP3505n - CUPS+Gutenprint v5.2.14 Simplified (color, 2-sided printing)
 Connection: lpd://localhost/queue
    Defaults: job-sheets=none, none media=na_letter_8.5x11in sides=one-sided

```
[yyzvenkata@toronto3267 ~]$ lpstat -a
Techzone-HP1 accepting requests since Fri 27 Jan 2023 10:59:20 AM EST
[yyzvenkata@toronto3267 ~]$ sudo lpoptions -d Techzone-HP1
[sudo] password for yyzvenkata:
copies=1 device-uri=lpd://localhost/queue finishings=3 job-cancel-after=10800 jo
b-hold-until=no-hold job-priority=50 job-sheets=none,none marker-change-time=0 n
umber-up=1 printer-commands=none printer-info printer-is-accepting-jobs=true pri
nter-is-shared=false printer-is-temporary=false printer-location printer-make-an
d-model='HP Color LaserJet CP3505n - CUPS+Gutenprint v5.2.14 Simplified' printer
-state=3 printer-state-change-time=1674835160 printer-state-reasons=none printer
-type=2101276 printer-uri-supported=ipp://localhost/printers/Techzone-HP1
```

11.

```
  230  lpstat -a
  231  sudo lpoptions -d Techzone-HP1
  232  lpoptions -d Techzone-HP1 mycourse.txt
  233  lp -d Techzone-HP1 mycourse.txt
  234  lpq
  235  history | grep lp
[yyzvenkata@toronto3267 ~]$
```

PART – E

USING ECHO COMMANDS AND VARIABLES

12,13,14,15,16:

```
  236  echo "Cost of laptop could be about $2134"
  237  echo Cost of laptop could be about $2134
  238  echo 'Cost of laptop could be about $2134'
  239  echo 'Cost of laptop could be about \$2134'
  240  echo "Cost of laptop could be about \$2134"
  241  echo Cost of laptop could be about \$2134
  244  echo $no1
  246  echo $vedavyasstr1
  250  echo $LOGNAME
  251  echo $USER
  252  echo $USERNAME
  254  echo $SHELL
  255  history | grep echo
[yyzvenkata@toronto3267 ~]$
```