# Lab 2 – Operating System

## Screenshot 1

```
[yyzsuraj@toronto7188 lab2]$ ls -l file* *tech*
-rw-rw-r--. 1 yyzsuraj yyzsuraj  8 Feb  2 22:20 biotech
-rw-rw-r--. 1 yyzsuraj yyzsuraj  0 Feb  2 22:17 file1
-rw-rw-r--. 1 yyzsuraj yyzsuraj  0 Feb  2 22:17 file100
-rw-rw-r--. 1 yyzsuraj yyzsuraj  0 Feb  2 22:17 file2
-rw-rw-r--. 1 yyzsuraj yyzsuraj  0 Feb  2 22:17 file22a
-rw-rw-r--. 1 yyzsuraj yyzsuraj  0 Feb  2 22:17 file2a
-rw-rw-r--. 1 yyzsuraj yyzsuraj  0 Feb  2 22:17 file333
-rw-rw-r--. 1 yyzsuraj yyzsuraj  9 Feb  2 22:20 infotech
-rw-rw-r--. 1 yyzsuraj yyzsuraj 13 Feb  2 22:21 nontechnical
-rw-rw-r--. 1 yyzsuraj yyzsuraj 12 Feb  2 22:21 polytechnic
-rw-rw-r--. 1 yyzsuraj yyzsuraj  5 Feb  2 22:19 tech
-rw-rw-r--. 1 yyzsuraj yyzsuraj  8 Feb  2 22:19 technic
-rw-rw-r--. 1 yyzsuraj yyzsuraj 10 Feb  2 22:20 technical
-rw-rw-r--. 1 yyzsuraj yyzsuraj 11 Feb  2 22:19 technology
[yyzsuraj@toronto7188 lab2]$
```

## Screenshot 2

```
[yyzsuraj@toronto7188 lab2]$ ls -l mycourse.txt
-rw-rw-r--. 1 yyzsuraj yyzsuraj 372 Feb  2 23:13 mycourse.txt
```

## Screenshot 3

```
[yyzsuraj@toronto7188 lab2]$ cat mycourse.txt
I am studying in Humber's north campus
Humber College, North Campus is in Toronto
Humber offers various programs from each school
My school at Humber is FAST
FAST refers to Faculty of Applied Sciences and Technology
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
```

## Screenshot 4

```
   63   history | grep ls
   64   ls -l tech*
   65   ls -l *tech
   66   ls -l file2? file3?? file1?
   67   ls -l file2? file3?? file1??
   68   history | grep ls
[yyzsuraj@toronto7188 lab2]$ █
```

Screenshot 5

```
[yyzsuraj@toronto7188 lab2]$ history | grep -E 'tech|file'
   30   touch file1 file2 file2a file22a file333 file100
   32   echo "tech" > tech
   33   echo technic > technic
   34   cat technic
   35   echo technical -> technical
   36   echo technology >technology
   37   cat technical
   38   vi technical
   39   vi biotech
   40   vi infotech
   41   vi polytechnic
   42   vi nontechnical
   43   ls -l *file *tech*
   44   ls -l file* *tech*
   56   ls -l tech*
   57   ls -l *tech
   59   ls -l file2$ file3$$ file1$$
   60   ls -l file2? file3?? file1??
   64   ls -l tech*
   65   ls -l *tech
   66   ls -l file2? file3?? file1?
   67   ls -l file2? file3?? file1??
   69   history | grep -E 'tech|file'
```

Screenshot 6

```
 70  grep "^Humber.* mycourse.txt
 71  grep '^Humber' mycourse.txt
 72  grep 'Humber$' mycourse.txt
 73  grep 'Humber' mycourse.txt
 74  history | grep grep
[yyzsuraj@toronto7188 lab2]$ █
```

Screenshot 7

```
[yyzsuraj@toronto7188 lab2]$ history | grep grep | grep dict
 75  grep 'r[ai]ce' /usr/share/dict/words
 76  grep '^[ai]ce' /usr/share/dict/words
 77  grep '^r[ai]ce' /usr/share/dict/words
 78  grep '$r[ai]ce' /usr/share/dict/words
 79  grep '^r[ai]ce$' /usr/share/dict/words
 80  history | grep grep | grep dict
[yyzsuraj@toronto7188 lab2]$
```

Screenshot 8



B-suraj7188 - toronto-suraj7188

🔒 fast-vcloud.humber.ca/tenant/CCGC-5000/wmks-console/index.html?vmId=vm-f7be8d5a-be4e-4891-bf3a-e7f023ff8326

Activities    Firefox                                    Feb 2  23:43

202-printer1 - CUPS 2.2.6 ×      New Tab          ×    +

← → C          🛡 🗋 localhost:631/printers/202-printer1

Customer Portal   Red Hat   Red Hat Products Docu...   Red Hat Enterprise Linu...   Red Hat Developer Portal   Red Hat Container Cata...

ⓘ Firefox automatically sends some data to Mozilla so that we can improve your experience.    Choose What I Share

CUPS.org   Home   Administration   Classes   Help   Jobs   Printers

## 202-printer1

### 202-printer1 (Idle, Accepting Jobs, Not Shared)

Maintenance ∨   Administration ∨
**Description:** room 202 printer
   **Location:**
      **Driver:** HP Business Inkjet 2200 - CUPS+Gutenprint v5.2.14 (color, 2-sided printing)
**Connection:** lpd://localhost/queue
   **Defaults:** job-sheets=none, none media=na_letter_8.5x11in sides=one-sided

## Jobs

Search in 202-printer1: [                    ] Search  Clear

Show Completed Jobs   Show All Jobs

Jobs listed in print order; held jobs appear first.

## Screenshot 9

```
 83  sudo lpoptions -d 202-printer1
 84  lpoptions -d 202-printer1
 85  lp -d 202-printer1 mycourse.txt
 86  lpq
 87  history | grep lp
[yyzsuraj@toronto7188 lab2]$
```

## Screenshot 10

```
Jobs
 89  echo "cost of laptop could be about $2134"
 90  echo 'cost of laptop could be about $2134'
 91  echo cost of laptop could be about $2134
 92  echo "cost of laptop could be about \$2134"
 93  echo cost of laptop could be about \$2134'
 94  echo cost of laptop could be about \$2134
 96  echo $VAR1
 98  echo $STRING1
 99  echo $USER
100  echo $SHELL
101  history grep echo
102  history | grep echo
[yyzsuraj@toronto7188 lab2]$
```