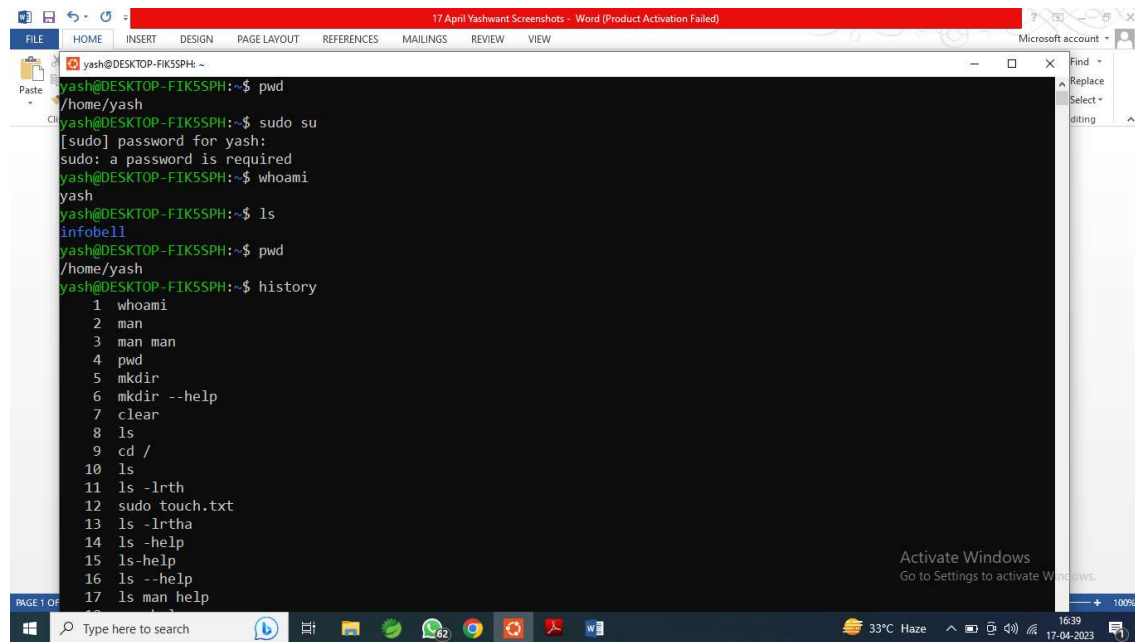


## Assignment: 2

Name :Yashwant Singh Rathore

Topic : Linux commands

Date : 17 April 2023



The screenshot shows a Windows 10 desktop environment. In the background, a Microsoft Word document titled "17 April Yashwant Screenshots - Word (Product Activation Failed)" is open. The foreground features a terminal window titled "yash@DESKTOP-FIK5SPH: ~" with a black background and green text. The terminal displays the following commands and their outputs:

```
yash@DESKTOP-FIK5SPH:~$ pwd
/home/yash
yash@DESKTOP-FIK5SPH:~$ sudo su
[sudo] password for yash:
sudo: a password is required
yash@DESKTOP-FIK5SPH:~$ whoami
yash
yash@DESKTOP-FIK5SPH:~$ ls
infobell
yash@DESKTOP-FIK5SPH:~$ pwd
/home/yash
yash@DESKTOP-FIK5SPH:~$ history
1  whoami
2  man
3  man man
4  pwd
5  mkdir
6  mkdir --help
7  clear
8  ls
9  cd /
10 ls
11 ls -lrth
12 sudo touch.txt
13 ls -lrtha
14 ls -help
15 ls -help
16 ls --help
17 ls man help
```

The Windows taskbar at the bottom shows the search bar, task view button, and several application icons including File Explorer, Microsoft Edge, and various utility programs. The system tray on the right indicates a temperature of 33°C, haze, and the date 17-04-2023.

```
17 April Yashwant Screenshots - Word (Product Activation Failed)
FILE HOME INSERT DESIGN PAGE LAYOUT REFERENCES MAILINGS REVIEW VIEW
Microsoft account
yash@DESKTOP-FIK5SPH: ~
85 history
yash@DESKTOP-FIK5SPH:~$ ls -l-rth
total 0
drwxr-xr-x 1 yash yash 512 Apr 13 14:51 infobell
yash@DESKTOP-FIK5SPH:~$ ls -help
ls: invalid option -- 'e'
Try 'ls --help' for more information.
yash@DESKTOP-FIK5SPH:~$ ls --help
Usage: ls [OPTION]... [FILE]...
List information about the FILEs (the current directory by default).
Sort entries alphabetically if none of -cftuvSUX nor --sort is specified.

Mandatory arguments to long options are mandatory for short options too.
-a, --all                do not ignore entries starting with .
-A, --almost-all        do not list implied . and ..
--author                 with -l, print the author of each file
-b, --escape              print C-style escapes for nongraphic characters
--block-size=SIZE        with -l, scale sizes by SIZE when printing them;
                          e.g., '--block-size=M'; see SIZE format below
-B, --ignore-backups     do not list implied entries ending with ~
-c                        with -lt: sort by, and show, ctime (time of last
                          modification of file status information);
                          with -l: show ctime and sort by name;
                          otherwise: sort by ctime, newest first
-C                        list entries by columns
--color[=WHEN]           colorize the output; WHEN can be 'always' (default
                          if omitted), 'auto', or 'never'; more info below
-d, --directory          list directories themselves, not their contents
-D, --dired               generate output designed for Emacs' dired mode

Activate Windows
Go to Settings to activate Windows.
```

```
17 April Yashwant Screenshots - Word (Product Activation Failed)
FILE HOME INSERT DESIGN PAGE LAYOUT REFERENCES MAILINGS REVIEW VIEW
Microsoft account
yash@DESKTOP-FIK5SPH: ~
or available locally via: info '(coreutils) ls invocation'
yash@DESKTOP-FIK5SPH:~$ sudo mkdir harry
[sudo] password for yash:
yash@DESKTOP-FIK5SPH:~$ ls
harry infobell
yash@DESKTOP-FIK5SPH:~$ touch harry.txt
yash@DESKTOP-FIK5SPH:~$ cat harry.txt
yash@DESKTOP-FIK5SPH:~$ vi harry.txt
yash@DESKTOP-FIK5SPH:~$ head harry.txt
yash
ahicisc
dscdcc
cscscs
cscsdscds
cvfsvsvsrevw
vfegefgte
trtrgrerg
gergregre
yash@DESKTOP-FIK5SPH:~$ tail harry.txt
rthtrhrtgtvre
ergregregtrgre
grregregrrfr
regfevdsve
erhtrherger
ergtrergre
ergredfsvds
btngreger
erferwfewfef

Activate Windows
Go to Settings to activate Windows.
```

```
17 April Yashwant Screenshots - Word (Product Activation Failed)
FILE HOME INSERT DESIGN PAGE LAYOUT REFERENCES MAILINGS REVIEW VIEW
Microsoft account
yash@DESKTOP-FIK5SPH: ~
gfrregfrefr
yash@DESKTOP-FIK5SPH:~$ touch harry1 harry2 harry3 harry4
yash@DESKTOP-FIK5SPH:~$ ls
harry harry.txt harry1 harry2 harry3 harry4 infobell
yash@DESKTOP-FIK5SPH:~$ grep yash harry.txt
yash
gfrregfrefryash
yash@DESKTOP-FIK5SPH:~$ ls
harry harry.txt harry1 harry2 harry3 harry4 infobell
yash@DESKTOP-FIK5SPH:~$ rm harry4
yash@DESKTOP-FIK5SPH:~$ ls
harry harry.txt harry1 harry2 harry3 infobell
yash@DESKTOP-FIK5SPH:~$ rm harry3
yash@DESKTOP-FIK5SPH:~$ ls
harry harry.txt harry1 harry2 infobell
yash@DESKTOP-FIK5SPH:~$ date
Mon Apr 17 16:31:11 IST 2023
yash@DESKTOP-FIK5SPH:~$ whoami
yash
yash@DESKTOP-FIK5SPH:~$ cal
Command 'cal' not found, but can be installed with:
sudo apt install ncal
yash@DESKTOP-FIK5SPH:~$ sudo apt install ncal
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following NEW packages will be installed:
ncal
0 upgraded, 1 newly installed, 0 to remove and 75 not upgraded.
```

```
17 April Yashwant Screenshots - Word (Product Activation Failed)
FILE HOME INSERT DESIGN PAGE LAYOUT REFERENCES MAILINGS REVIEW VIEW
Microsoft account
yash@DESKTOP-FIK5SPH: ~
sudo apt install ncal
yash@DESKTOP-FIK5SPH:~$ sudo apt install ncal
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following NEW packages will be installed:
ncal
0 upgraded, 1 newly installed, 0 to remove and 75 not upgraded.
Need to get 20.2 kB of archives.
After this operation, 69.6 kB of additional disk space will be used.
Get:1 http://archive.ubuntu.com/ubuntu jammy/universe amd64 ncal amd64 12.1.7+nmu3ubuntu2 [20.2 kB]
Fetched 20.2 kB in 1s (19.8 kB/s)
Selecting previously unselected package ncal.
(Reading database ... 24112 files and directories currently installed.)
Preparing to unpack .../ncal_12.1.7+nmu3ubuntu2_amd64.deb ...
Unpacking ncal (12.1.7+nmu3ubuntu2) ...
Setting up ncal (12.1.7+nmu3ubuntu2) ...
Processing triggers for man-db (2.10.2-1) ...
yash@DESKTOP-FIK5SPH:~$ cal
April 2023
Su Mo Tu We Th Fr Sa
1
2 3 4 5 6 7 8
9 10 11 12 13 14 15
16 17 18 19 20 21 22
23 24 25 26 27 28 29
30
yash@DESKTOP-FIK5SPH:~$ cal
April 2023
```

```
17 April Yashwant Screenshots - Word (Product Activation Failed)
FILE HOME INSERT DESIGN PAGE LAYOUT REFERENCES MAILINGS REVIEW VIEW
Microsoft account
yash@DESKTOP-FIK5SPH:~$ date
Mon Apr 17 16:32:05 IST 2023
yash@DESKTOP-FIK5SPH:~$ ls -l
total 0
drwxr-xr-x 1 root root 512 Apr 17 16:26 harry
-rw-r--r-- 1 yash yash 453 Apr 17 16:28 harry.txt
-rw-r--r-- 1 yash yash 0 Apr 17 16:29 harry1
-rw-r--r-- 1 yash yash 0 Apr 17 16:29 harry2
drwxr-xr-x 1 yash yash 512 Apr 13 14:51 infobell
yash@DESKTOP-FIK5SPH:~$ ps -a
PID TTY TIME CMD
69 pts/0 00:00:00 su
70 pts/0 00:00:00 bash
87 pts/0 00:00:00 sudo
89 pts/1 00:00:00 su
90 pts/1 00:00:00 bash
98 tty2 00:00:00 bash
226 tty2 00:00:00 ps
yash@DESKTOP-FIK5SPH:~$ dig facebook.com

;<<>> DiG 9.18.1-1ubuntu1.2-Ubuntu <<>> facebook.com
;; global options: +cmd
;; Got answer:
;; ->HEADER<<- opcode: QUERY, status: NOERROR, id: 5863
;; flags: qr rd ra; QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
;; EDNS: version: 0, flags:; udp: 1280
;; QUESTION SECTION:
;; facebook.com.
;; ANSWER SECTION:
facebook.com. 87 IN A 157.240.239.35

;; Query time: 15 msec
;; SERVER: 192.168.29.1#53(192.168.29.1) (UDP)
;; WHEN: Mon Apr 17 16:34:56 IST 2023
;; MSG SIZE rcvd: 57

yash@DESKTOP-FIK5SPH:~$ cat harry.txt
yash
ahicisc

dscdcc
cscscs
cscscdscs
cvfsvsvsrevw
```

```
17 April Yashwant Screenshots - Word (Product Activation Failed)
FILE HOME INSERT DESIGN PAGE LAYOUT REFERENCES MAILINGS REVIEW VIEW
Microsoft account
yash@DESKTOP-FIK5SPH:~$ dig facebook.com

;<<>> DiG 9.18.1-1ubuntu1.2-Ubuntu <<>> facebook.com
;; global options: +cmd
;; Got answer:
;; ->HEADER<<- opcode: QUERY, status: NOERROR, id: 5863
;; flags: qr rd ra; QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
;; EDNS: version: 0, flags:; udp: 1280
;; QUESTION SECTION:
;; facebook.com.
;; ANSWER SECTION:
facebook.com. 87 IN A 157.240.239.35

;; Query time: 15 msec
;; SERVER: 192.168.29.1#53(192.168.29.1) (UDP)
;; WHEN: Mon Apr 17 16:34:56 IST 2023
;; MSG SIZE rcvd: 57

yash@DESKTOP-FIK5SPH:~$ cat harry.txt
yash
ahicisc

dscdcc
cscscs
cscscdscs
cvfsvsvsrevw
```

