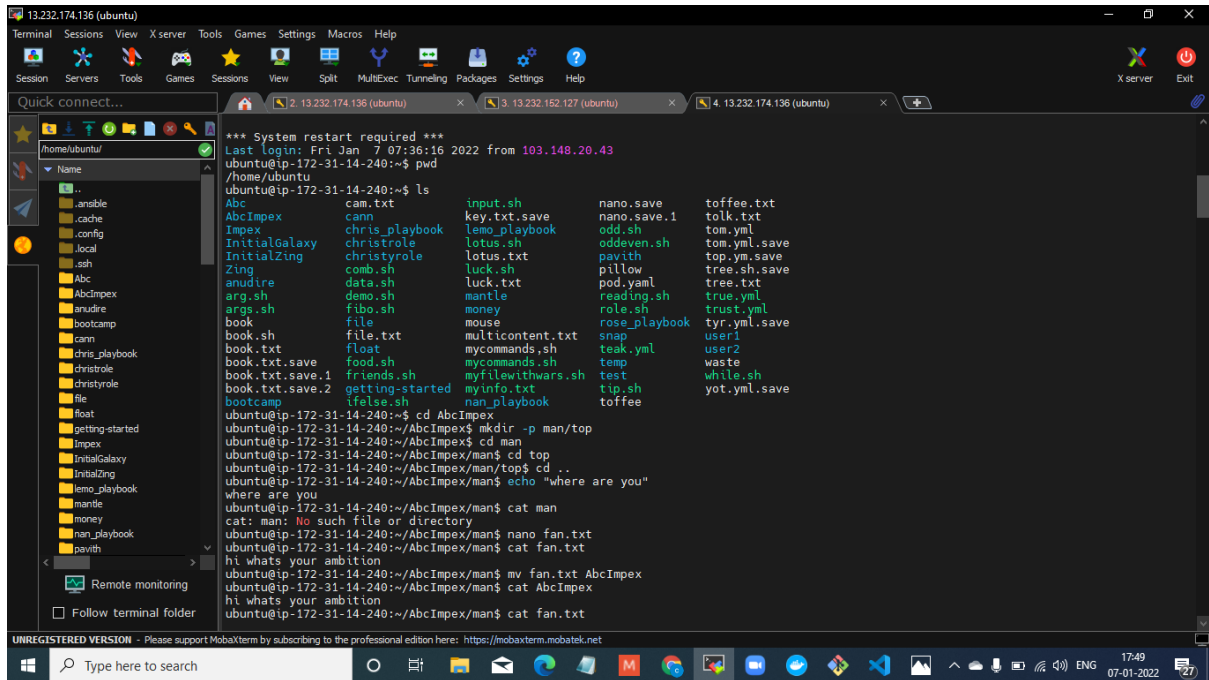
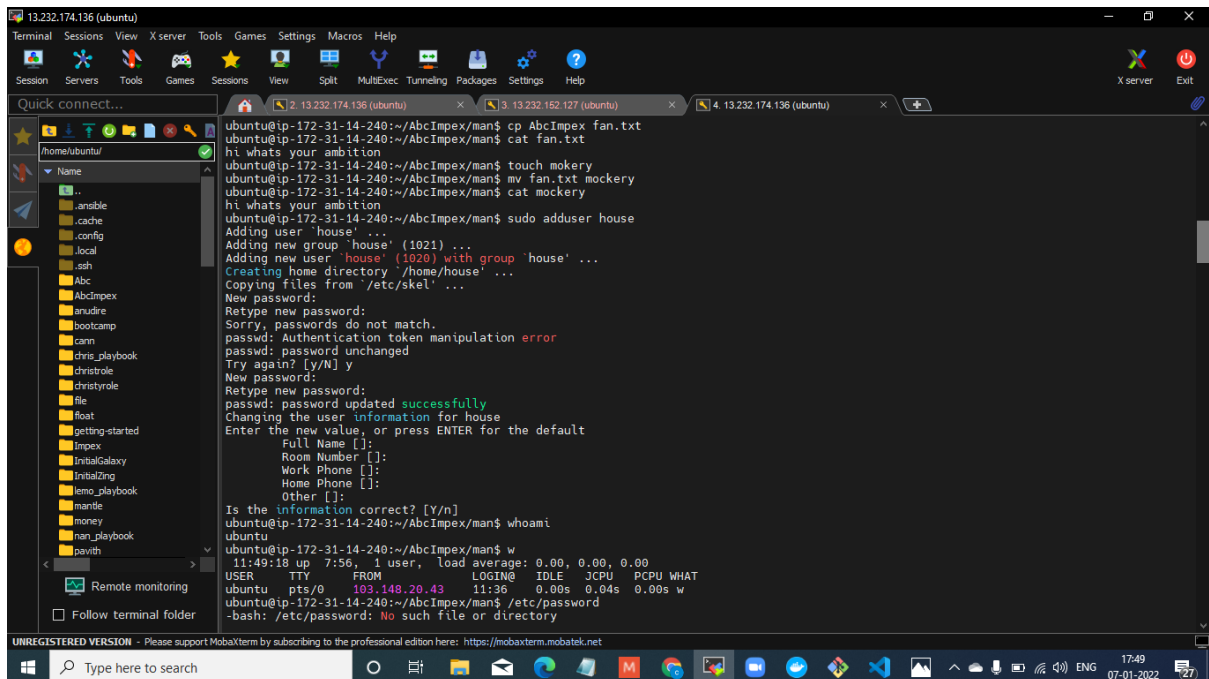


# LINUX



The screenshot shows a MobaXterm terminal window with three tabs. The active tab is '13.232.174.136 (ubuntu)'. The terminal output shows a system restart message, followed by a login session. The user runs 'pwd' showing the home directory, then 'ls' listing files. A directory 'man' is created, and files are moved into it. The user then runs 'cat' on a file that doesn't exist, followed by 'nano fan.txt' to create a new file. The terminal also shows a file manager sidebar on the left with a tree view of the remote file system.

```
*** System restart required ***
Last login: Fri Jan 7 07:36:16 2022 from 103.148.20.43
ubuntu@ip-172-31-14-240:~$ pwd
/home/ubuntu
ubuntu@ip-172-31-14-240:~$ ls
Abc      cam.txt      input.sh      nano.save      toffee.txt
AbcImpex  cann         key.txt.save  nano.save.1    tolk.txt
Impex     chris_playbook  lemo_playbook  odd.sh         tom.yml
InitialGalaxy  christrole    lotus.sh      oddeven.sh     tom.yml.save
InitialZing    comb.sh      luck.sh       pillow         tree.sh.save
Zing        anudire      data.sh       luck.txt       pod.yaml      tree.txt
Abc         arg.sh       demo.sh       mantle         reading.sh     true.yml
anudire     args.sh      fibo.sh       money          role.sh        trust.yml
bootcamp    book         file          mouse         rose_playbook  tyr.yml.save
cann        book.sh     float         multicontent.txt snap           user1
chris_playbook  book.txt    float         mycommands.sh  teak.yml       user2
christrole   book.txt.save  food.sh      mycommands.sh  temp           waste
float        book.txt.save.1  friends.sh   myfilewithwars.sh  test          while.sh
getting-started  bootcamp    ifelse.sh    nan_playbook    tip.sh         yot.yml.save
Impex        ubuntu@ip-172-31-14-240:~$ cd AbcImpex
ubuntu@ip-172-31-14-240:~/AbcImpex$ mkdir -p man/top
ubuntu@ip-172-31-14-240:~/AbcImpex$ cd man
ubuntu@ip-172-31-14-240:~/AbcImpex/man$ cd top
ubuntu@ip-172-31-14-240:~/AbcImpex/man/top$ cd ..
ubuntu@ip-172-31-14-240:~/AbcImpex/man$ echo "where are you"
where are you
ubuntu@ip-172-31-14-240:~/AbcImpex/man$ cat man
cat: man: No such file or directory
ubuntu@ip-172-31-14-240:~/AbcImpex/man$ nano fan.txt
ubuntu@ip-172-31-14-240:~/AbcImpex/man$ cat fan.txt
hi whats your ambition
ubuntu@ip-172-31-14-240:~/AbcImpex/man$ mv fan.txt AbcImpex
ubuntu@ip-172-31-14-240:~/AbcImpex/man$ cat AbcImpex
hi whats your ambition
ubuntu@ip-172-31-14-240:~/AbcImpex/man$ cat fan.txt
```



The screenshot shows the same MobaXterm terminal window. The user runs 'cp AbcImpex fan.txt' and 'cat fan.txt'. Then, they run 'touch mockery' and 'mv fan.txt mockery'. They run 'cat mockery' and 'hi whats your ambition'. Then, they run 'sudo adduser house', which prompts for a password and displays system messages about adding a new group and user. They run 'whoami' and 'w' to check the user and system status. The terminal also shows a file manager sidebar on the left.

```
ubuntu@ip-172-31-14-240:~/AbcImpex/man$ cp AbcImpex fan.txt
ubuntu@ip-172-31-14-240:~/AbcImpex/man$ cat fan.txt
hi whats your ambition
ubuntu@ip-172-31-14-240:~/AbcImpex/man$ touch mockery
ubuntu@ip-172-31-14-240:~/AbcImpex/man$ mv fan.txt mockery
ubuntu@ip-172-31-14-240:~/AbcImpex/man$ cat mockery
hi whats your ambition
ubuntu@ip-172-31-14-240:~/AbcImpex/man$ sudo adduser house
Adding user 'house' ...
Adding new group 'house' (1021) ...
Adding new user 'house' (1020) with group 'house' ...
Creating home directory '/home/house' ...
Copying files from '/etc/skel' ...
New password:
Retype new password:
Sorry, passwords do not match.
passwd: Authentication token manipulation error
passwd: password unchanged
Try again? [y/N] y
New password:
Retype new password:
passwd: password updated successfully
Changing the user information for house
Enter the new value, or press ENTER for the default
Full Name []:
Room Number []:
Work Phone []:
Home Phone []:
Other []:
Is the information correct? [y/n]
ubuntu@ip-172-31-14-240:~/AbcImpex/man$ whoami
ubuntu
ubuntu@ip-172-31-14-240:~/AbcImpex/man$ w
11:49:18 up 7:56, 1 user, load average: 0.00, 0.00, 0.00
USER      TTY      FROM            LOGIN@   IDLE   JCPU   PCPU   WHAT
ubuntu    pts/0    103.148.20.43   11:36   0.00s  0.04s  0.00s  w
ubuntu@ip-172-31-14-240:~/AbcImpex/man$ /etc/passwd
-bash: /etc/passwd: No such file or directory
```

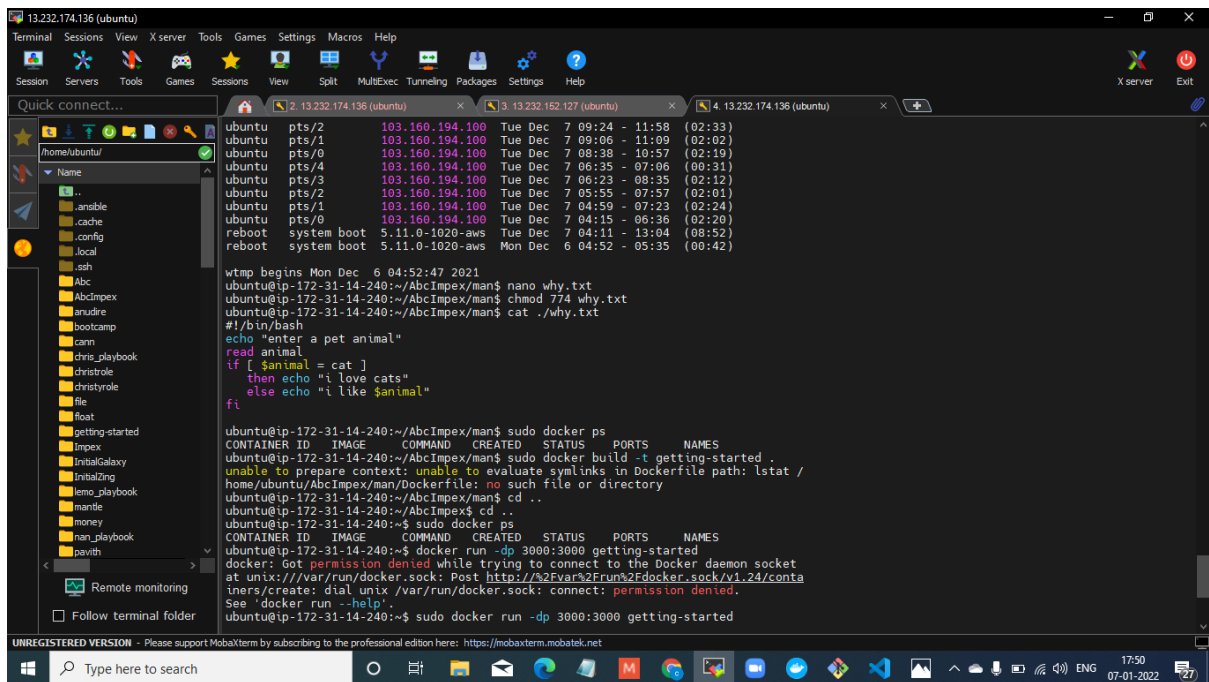
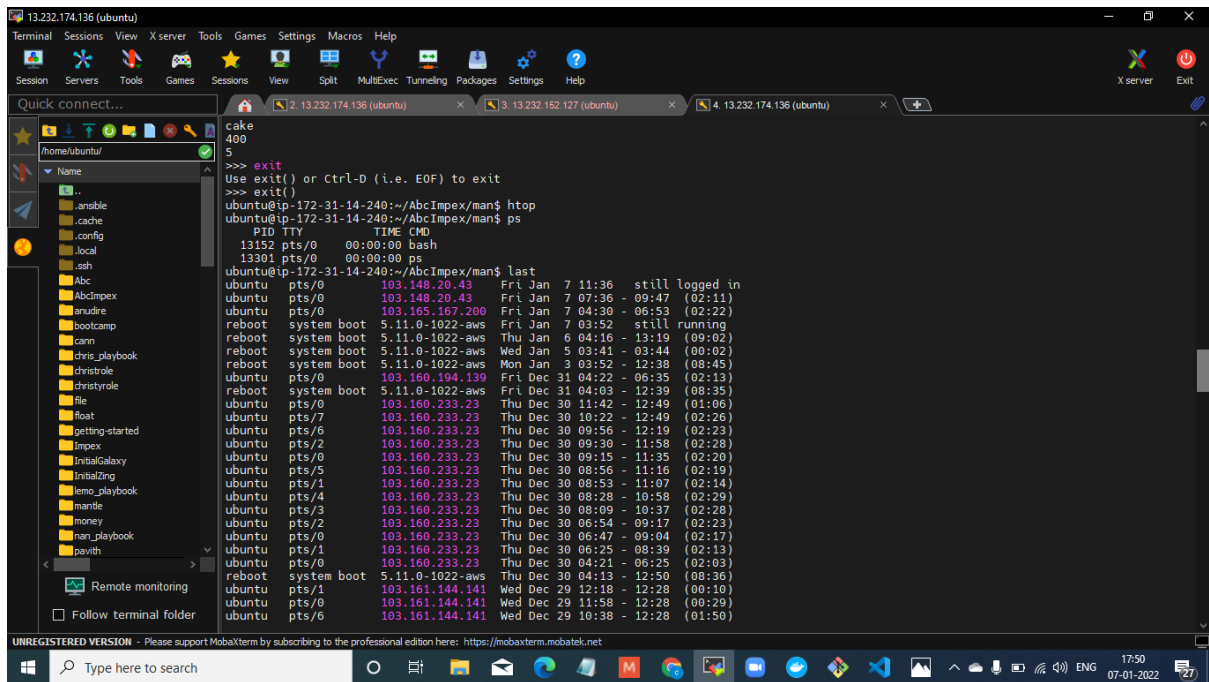
The screenshot shows a MobaXterm terminal window with the title '13.232.174.136 (ubuntu)'. The terminal displays the following commands and output:

```
ubuntu@ip-172-31-14-240:~/AbcImpex/man$ /etc/passwd
-bash: /etc/passwd: No such file or directory
ubuntu@ip-172-31-14-240:~/AbcImpex/man$ cat /etc/passwd
cat: /etc/passwd: No such file or directory
ubuntu@ip-172-31-14-240:~/AbcImpex/man$ ls -ll
total 12
285651 -rw-rw-r-- 1 ubuntu ubuntu 23 Jan 7 11:44 AbcImpex
256405 -rw-rw-r-- 1 ubuntu ubuntu 23 Jan 7 11:46 mockery
286792 -rw-rw-r-- 1 ubuntu ubuntu 0 Jan 7 11:46 mockery
320277 drwxrwxr-x 2 ubuntu ubuntu 4096 Jan 7 11:41 top
ubuntu@ip-172-31-14-240:~/AbcImpex/man$ ls -a
. . . AbcImpex mockery mockery top
ubuntu@ip-172-31-14-240:~/AbcImpex/man$ rm --book.txt
rm: unrecognized option '--book.txt'
Try 'rm --help' for more information.
ubuntu@ip-172-31-14-240:~/AbcImpex/man$ rm --a fan.txt
rm: unrecognized option '--a'
Try 'rm --help' for more information.
ubuntu@ip-172-31-14-240:~/AbcImpex/man$ free
total used free
Mem: 2022860 333780 156936 shared buff/cache available
Swap: 0 0 0
ubuntu@ip-172-31-14-240:~/AbcImpex/man$ python3
Command 'python3' not found, did you mean:
  command 'python3' from deb python3 (3.8.2-0ubuntu2)
Try: sudo apt install <deb name>
ubuntu@ip-172-31-14-240:~/AbcImpex/man$ python3
Python 3.8.10 (default, Nov 26 2021, 20:14:08)
[GCC 9.3.0] on linux
Type "help", "copyright", "credits" or "license" for more information.
>>> print("welcome to python")
welcome to python
>>> def hellofunc(n,m):
```

## PYTHON3

The screenshot shows a MobaXterm terminal window with the title '13.232.174.136 (ubuntu)'. The terminal displays the following commands and output:

```
>>> def hellofunc(n,m):
...     if(n,m):
...         print(str(n)+ 'is great')
...     else:
...         print(str(m)+ 'is great')
...
>>> hellofunc(5,15)
5is great
>>> hellofunc(34,12)
34is great
>>> class product:
...     def setproduct(self,name,price,qty):
...         self.name=name
...         self.price=price
...         self.qty=qty
...     def getproduct(self):
...         print(self.name)
...         print(self.price)
...         print(self.qty)
...
>>> prd=product()
>>> prd.setproduct("cake",400,5)
>>> prd.getproduct()
cake
400
5
>>> exit()
Use exit() or Ctrl-D (i.e. EOF) to exit
>>> exit()
ubuntu@ip-172-31-14-240:~/AbcImpex/man$ http
ubuntu@ip-172-31-14-240:~/AbcImpex/man$ ps
PID TTY TIME CMD
13152 pts/0 00:00:00 bash
13301 pts/0 00:00:00 ps
ubuntu@ip-172-31-14-240:~/AbcImpex/man$ last
ubuntu pts/0 103.148.20.43 Fri Jan 7 11:36 still logged in
ubuntu pts/0 103.148.20.43 Fri Jan 7 07:36 - 09:47 (02:11)
ubuntu pts/0 103.165.167.200 Fri Jan 7 04:30 - 06:53 (02:22)
```



## DOCKER



Zoom Meeting

206220\_Christee... 206547\_Abhinjit... 203778\_Nipun... 206218-Kotesw... 206545-Muham... 206215-Madhur...

65.0.106.147 (ubuntu)

Terminal Sessions View X server Tools Games Settings Macros Help

Session Servers Tools Games Sessions View Split MultiExec Tunneling Packages Settings Help

Quick connect...

User sessions

- 13.232.152.127 (ubuntu)
- 13.232.174.136 (ubuntu)
- 13.232.174.136 (ubuntu) (1)
- 65.0.106.147 (ubuntu)

See 'docker run --help'.  
ubuntu@ip-172-31-14-240:~\$ sudo docker run -dt redis  
Unable to find image 'redis:latest' locally  
latest: Pulling from library/redis  
a2abf6c4d29d: Pull complete  
c7a4e4382001: Pull complete  
4044b9ba67c9: Pull complete  
c838ba79482f: Pull complete  
413c8bb60be2: Pull complete  
1abfd3011519: Pull complete  
Digest: sha256:db485f2e245b5b3329fdc7eff4eb0f913e09d8feb9ca720788059fdc2ed8339  
Status: Downloaded newer image for redis:latest  
cbb498cf44467d9f29e4dbcd39295e64cef0d6Scca493bf23f91bf8fff4de7d0  
ubuntu@ip-172-31-14-240:~\$ sudo docker ps

CONTAINER ID	IMAGE	COMMAND	CREATED	STATUS
cbb498cf4446	redis	"docker-entrypoint.s..."	20 seconds ago	Up 18 seconds

6379/tcp fervent\_hermann  
ubuntu@ip-172-31-14-240:~\$ docker image history redis  
Got permission denied while trying to connect to the Docker daemon socket at uni  
x:///var/run/docker.sock: Get http://localhost/v2/docker.sock/v1.24/images/red  
is/history: dial unix /var/run/docker.sock: connect: permission denied  
ubuntu@ip-172-31-14-240:~\$ sudo docker image history redis

IMAGE	CREATED	CREATED BY	SIZE
cbb498cf4446	20 seconds ago	ubuntu@ip-172-31-14-240	1.2 MB

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Abdul-Trainer

Unmute Start Video

Participants 28 Chat Share Screen Reactions

Leave

Type here to search

11:44 08-01-2022

Zoom Meeting

206220\_Christee... 206547\_Abhinjit... 203778\_Nipun... 206218-Kotesw... 206545-Muham... 206215-Madhur...

65.0.106.147 (ubuntu)

Terminal Sessions View X server Tools Games Settings Macros Help

Session Servers Tools Games Sessions View Split MultiExec Tunneling Packages Settings Help

Quick connect...

User sessions

- 13.232.152.127 (ubuntu)
- 13.232.174.136 (ubuntu)
- 13.232.174.136 (ubuntu) (1)
- 65.0.106.147 (ubuntu)

ubuntu@ip-172-31-14-240:~\$ sudo docker image history redis

IMAGE	COMMENT	CREATED	CREATED BY	SIZE
7614ae9453d1		2 weeks ago	/bin/sh -c #(nop) CMD ["redis-server"]	0B
<missing>		2 weeks ago	/bin/sh -c #(nop) EXPOSE 6379	0B
<missing>		2 weeks ago	/bin/sh -c #(nop) ENTRYPOINT ["docker-entry...	0B
<missing>		2 weeks ago	/bin/sh -c #(nop) COPY file:df205a0ef6e6df89...	374
<missing>		2 weeks ago	/bin/sh -c #(nop) WORKDIR /data	0B
<missing>		2 weeks ago	/bin/sh -c #(nop) VOLUME [/data]	0B
<missing>		2 weeks ago	/bin/sh -c mkdir /data && chown redis:redis ..	0B
<missing>		2 weeks ago	/bin/sh -c set -eux; savedAptMark="\$(apt-m...	27.8MB
<missing>		2 weeks ago	/bin/sh -c #(nop) ENV REDIS_DOWNLOAD_SHA=5b...	0B
<missing>		2 weeks ago	/bin/sh -c #(nop) ENV REDIS_DOWNLOAD_URL=ht...	0B
<missing>		2 weeks ago	/bin/sh -c #(nop) ENV REDIS_VERSION=6.2.6	0B

UNREGISTERED VERSION - Please support MobaXterm by subscribing to the professional edition here: <https://mobaxterm.mobatek.net>

Abdul-Trainer

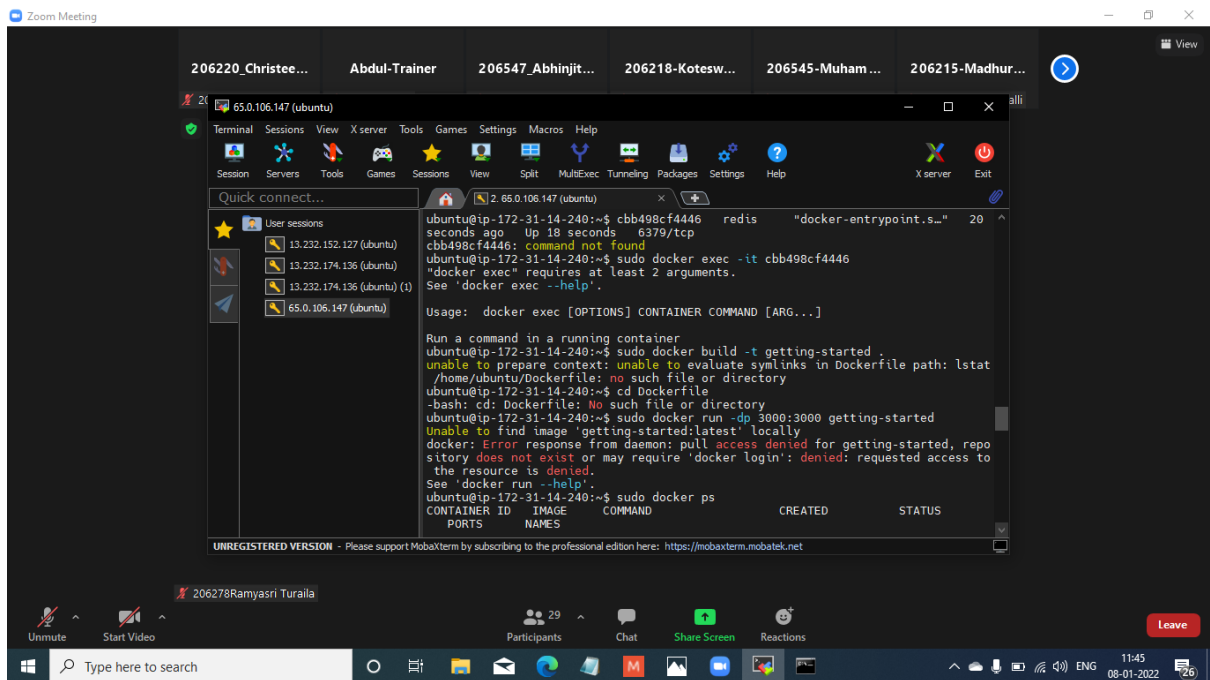
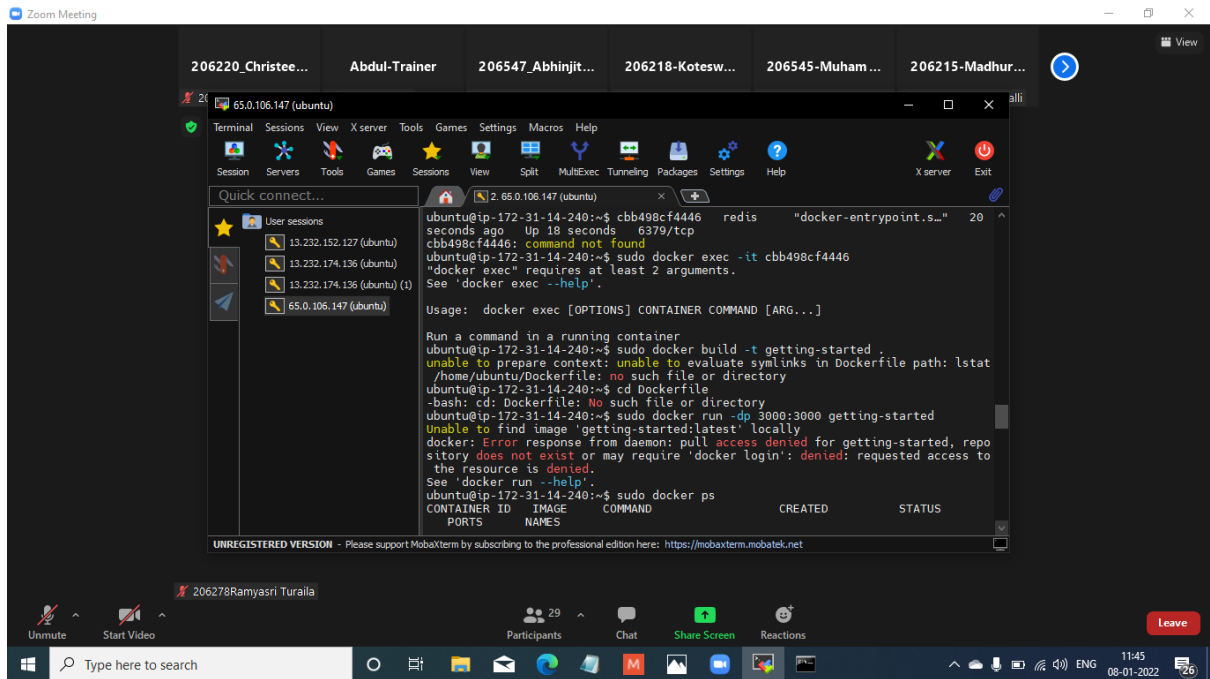
Unmute Start Video

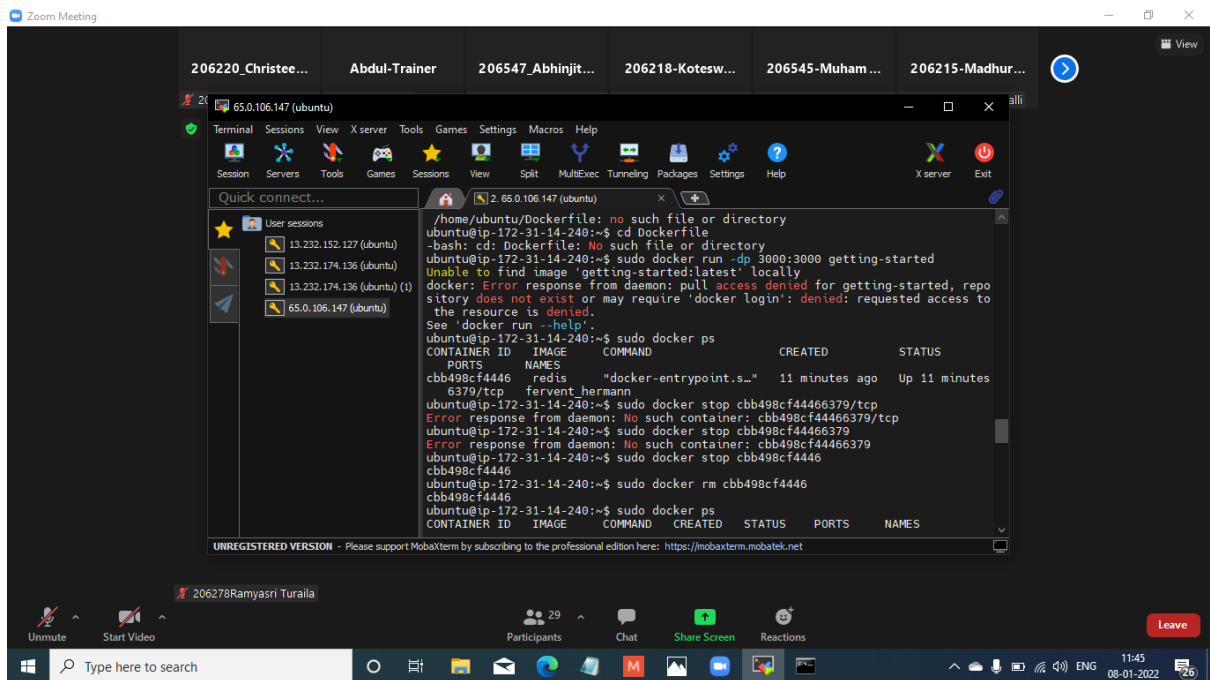
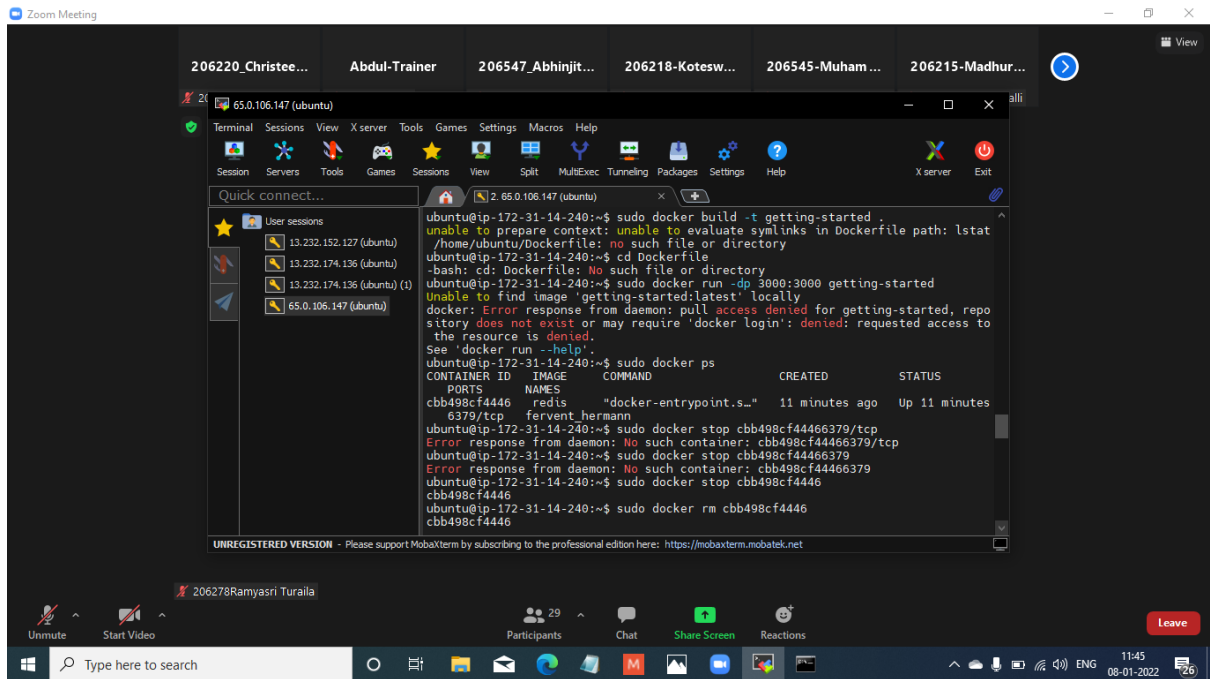
Participants 28 Chat Share Screen Reactions

Leave

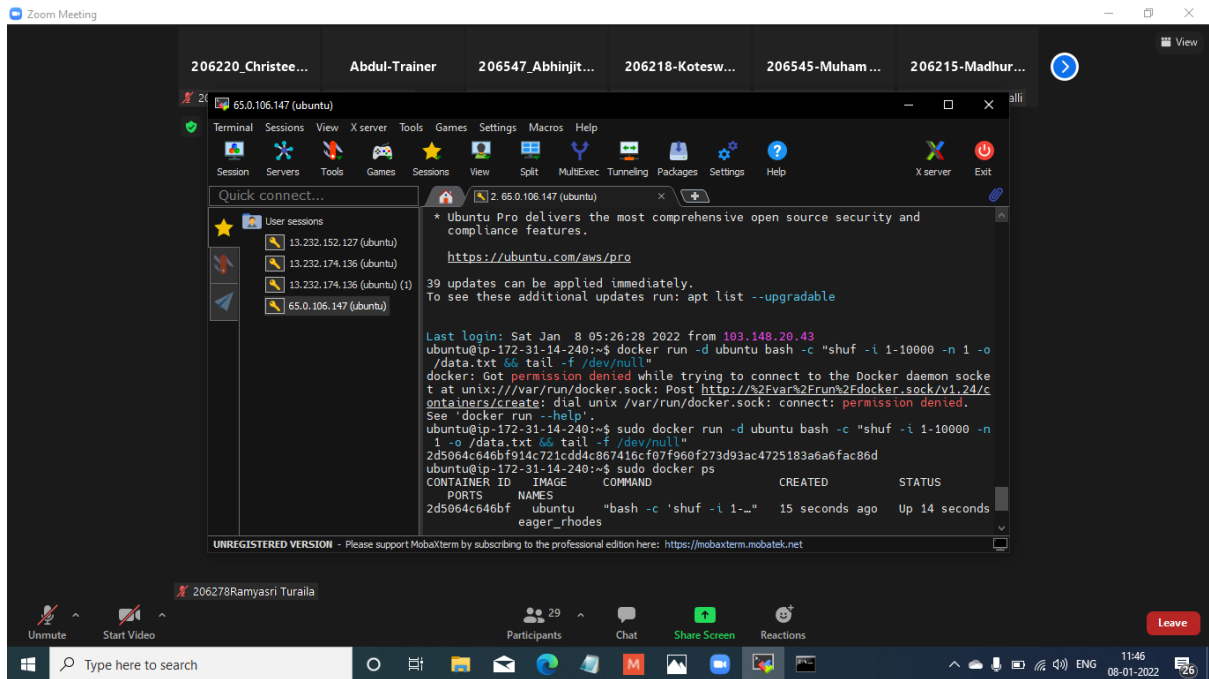
Type here to search

11:44 08-01-2022

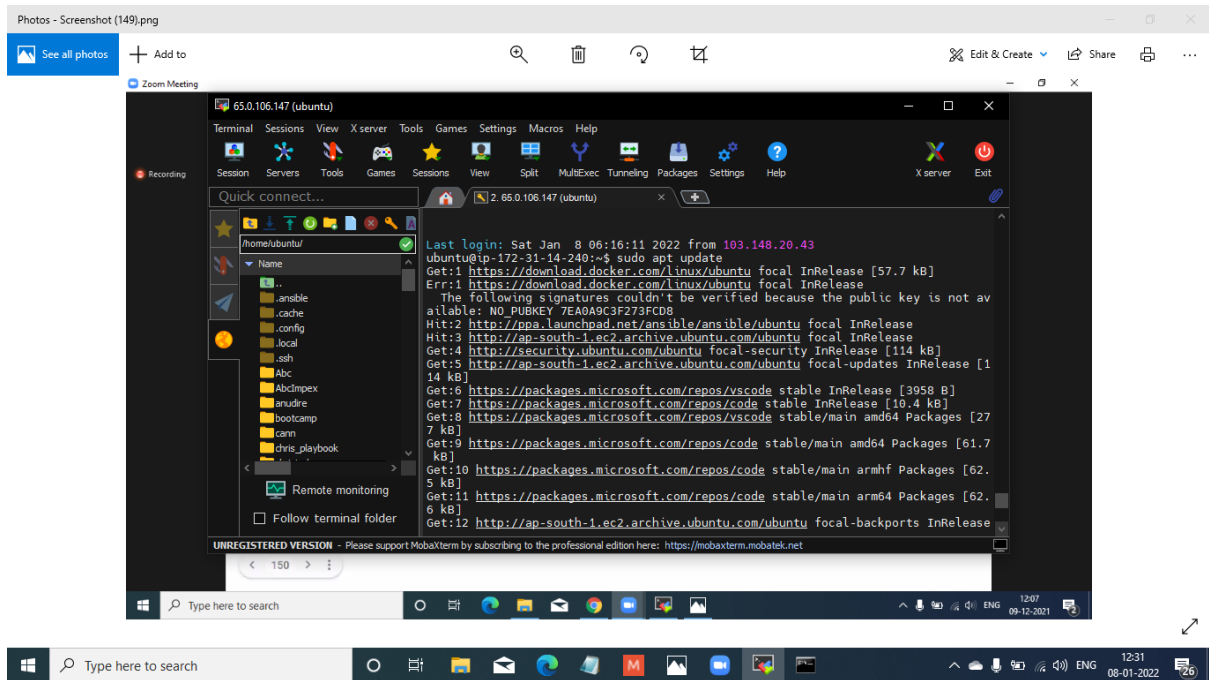




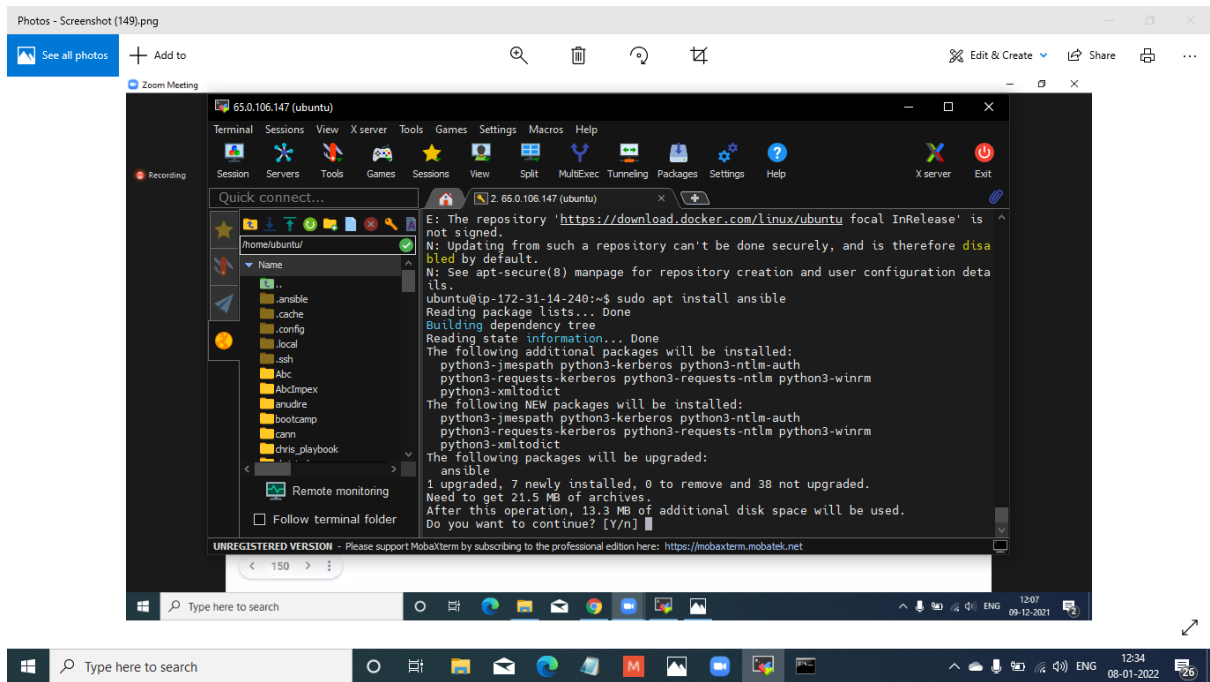
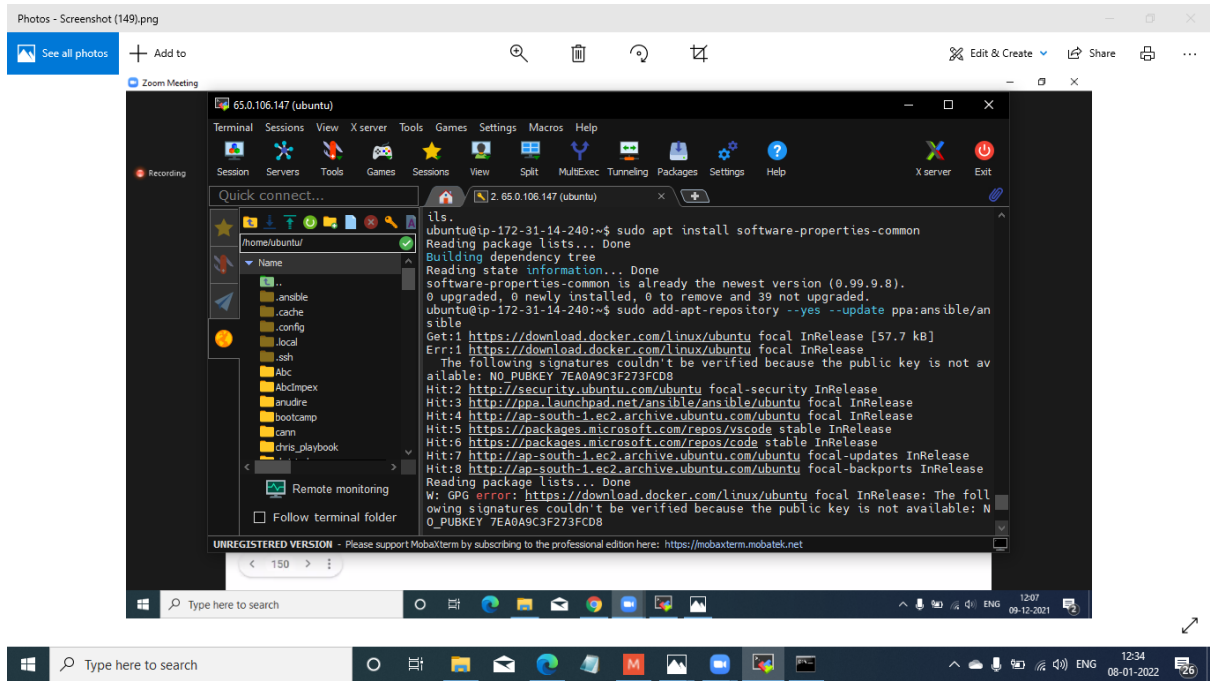


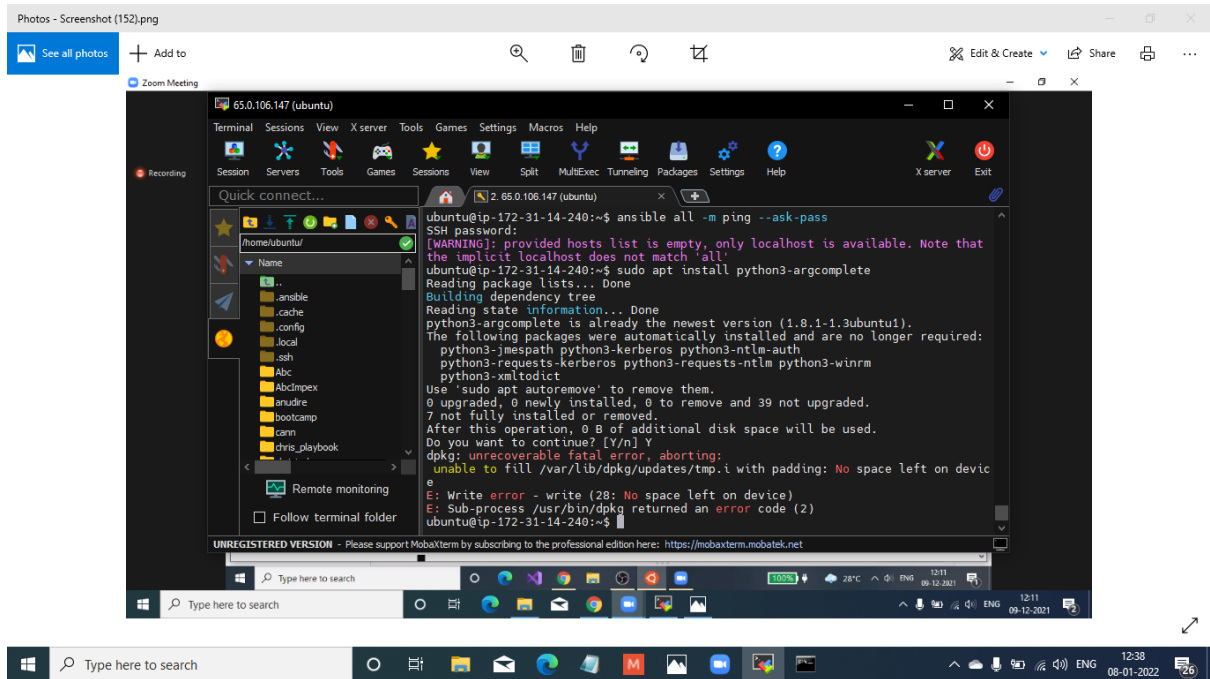


## ANSIBLE

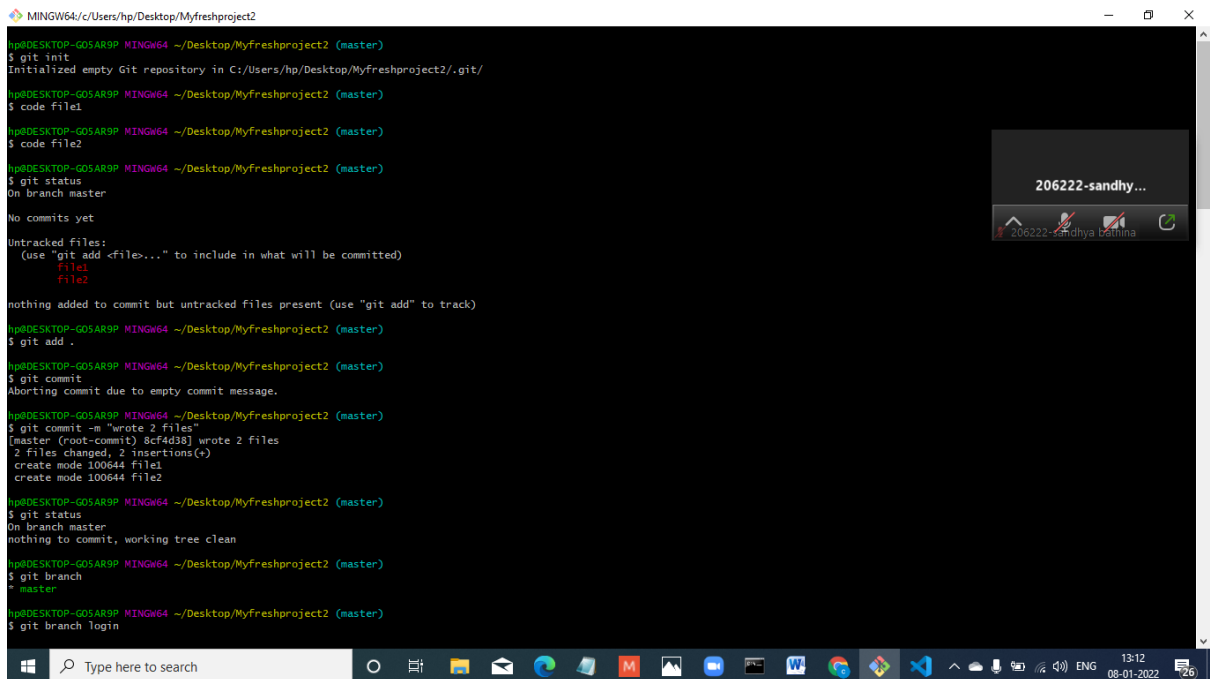








## GIT



```
MINGW64/c/Users/hp/Desktop/Myfreshproject2

hp@DESKTOP-G0SAR9P MINGW64 ~/Desktop/Myfreshproject2 (master)
$ git checkout login
Switched to branch 'login'

hp@DESKTOP-G0SAR9P MINGW64 ~/Desktop/Myfreshproject2 (login)
$ git status
git: 'status' is not a git command. See 'git --help'.

The most similar command is
    status

hp@DESKTOP-G0SAR9P MINGW64 ~/Desktop/Myfreshproject2 (login)
$ git status
On branch login
Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        modified:   file2

no changes added to commit (use "git add" and/or "git commit -a")

hp@DESKTOP-G0SAR9P MINGW64 ~/Desktop/Myfreshproject2 (login)
$ git switch master
Switched to branch 'master'
W   file2

hp@DESKTOP-G0SAR9P MINGW64 ~/Desktop/Myfreshproject2 (master)
$ git status
On branch master
Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        modified:   file2

no changes added to commit (use "git add" and/or "git commit -a")

hp@DESKTOP-G0SAR9P MINGW64 ~/Desktop/Myfreshproject2 (master)
$ git add .
hp@DESKTOP-G0SAR9P MINGW64 ~/Desktop/Myfreshproject2 (master)
$ git commit
Aborting commit due to empty commit message.

hp@DESKTOP-G0SAR9P MINGW64 ~/Desktop/Myfreshproject2 (master)
$ git commit -m"modified file 2"
[master dc466e5] modified file 2
1 file changed, 1 insertion(+), 1 deletion(-)

hp@DESKTOP-G0SAR9P MINGW64 ~/Desktop/Myfreshproject2 (master)
```

```
MINGW64/c/Users/hp/Desktop/Myfreshproject2

hp@DESKTOP-G0SAR9P MINGW64 ~/Desktop/Myfreshproject2 (master)
$ git merge login
Already up to date.

hp@DESKTOP-G0SAR9P MINGW64 ~/Desktop/Myfreshproject2 (master)
$ git remote add pdf https://github.com/christeenastanlm/quack.git

hp@DESKTOP-G0SAR9P MINGW64 ~/Desktop/Myfreshproject2 (master)
$ git push pdf master
to https://github.com/christeenastanlm/quack.git
! [rejected]        master -> master (fetch first)
error: Failed to push some refs to 'https://github.com/christeenastanlm/quack.git'

hint: Updates were rejected because the remote contains work that you do
hint: not have locally. This is usually caused by another repository pushing
hint: to the same ref. You may want to first integrate the remote changes
hint: (e.g., 'git pull ...') before pushing again.
hint: See the 'Note about fast-forwards' in 'git push --help' for details.

hp@DESKTOP-G0SAR9P MINGW64 ~/Desktop/Myfreshproject2 (master)
$ git fetch master
fatal: 'master' does not appear to be a git repository
fatal: Could not read from remote repository.

Please make sure you have the correct access rights
and the repository exists.

hp@DESKTOP-G0SAR9P MINGW64 ~/Desktop/Myfreshproject2 (master)
$ git fetch quack
fatal: 'quack' does not appear to be a git repository
fatal: Could not read from remote repository.

Please make sure you have the correct access rights
and the repository exists.

hp@DESKTOP-G0SAR9P MINGW64 ~/Desktop/Myfreshproject2 (master)
$ gti fetch login
bash: gti: command not found

hp@DESKTOP-G0SAR9P MINGW64 ~/Desktop/Myfreshproject2 (master)
$ git fetch login
fatal: 'login' does not appear to be a git repository
fatal: Could not read from remote repository.

Please make sure you have the correct access rights
and the repository exists.

hp@DESKTOP-G0SAR9P MINGW64 ~/Desktop/Myfreshproject2 (master)
$ git fetch pdf
remote: Enumerating objects: 158, done.
```