

nafeesa8642@Nafee: ~

Welcome to Ubuntu 20.04.3 LTS (GNU/Linux 5.10.16.3-microsoft-standard-WSL2 x86_64)

* Documentation: <https://help.ubuntu.com>
* Management: <https://landscape.canonical.com>
* Support: <https://ubuntu.com/advantage>

System information as of Thu Jan 20 10:09:38 IST 2022

System load:	0.08	Processes:	13
Usage of /:	0.7% of 250.98GB	Users logged in:	0
Memory usage:	9%	IPv4 address for eth0:	172.23.97.110
Swap usage:	0%		

99 updates can be applied immediately.
39 of these updates are standard security updates.
To see these additional updates run: `apt list --upgradable`

The list of available updates is more than a week old.
To check for new updates run: `sudo apt update`

This message is shown once a day. To disable it please create the
/home/nafeesa8642/.hushlogin file.

alias ll='ls -alF'

-bash: alias: =ls -l: not found

alias la='ls -A'

-bash: alias: =ls -a: not found

-bash: alias: lh: not found

-bash: alias: =ls -h: not found

nafeesa8642@Nafee:~\$ pwd

/home/nafeesa8642

nafeesa8642@Nafee:~\$ ls

ABCimpex	hellofunc.sh	myfile.sh	sam.sh
args.sh	helloscript.sh	myfilevars.sh	sam.yml
bash_alias	hi.sh	myfilewithvars.sh	sam_orchestrate.yml
cont.yml	ifelse.sh	myfilewithvars1.sh	samrole
decision.sh	input.sh	myinfo1.txt	selfile.sh
demo.sh	main.yml	nafee.yml	stringdemo.sh
evenodd.sh	multiples.sh	nafeesa_playbook	temp
example.sh	mycmds.sh	nano.save	vardemo.sh
filewithvars.sh	mycmds.sh.save	nano.save.1	whiledemo.sh

nafeesa8642@Nafee: ~

```
Food.sh          mycommands.sh  odd.sh          yourfile
Friends.sh       mydata.sh      parurole
Function_demo.sh mydata1.sh     reading.sh
```

nafeesa8642@Nafee:~\$ cd temp

nafeesa8642@Nafee:~/temp\$ ls

Folldr1 mix.txt sam1.txt

nafeesa8642@Nafee:~/temp\$ cd ..

nafeesa8642@Nafee:~\$ cd /

nafeesa8642@Nafee:/\$ pwd

/

nafeesa8642@Nafee:/\$ ls

```
bin    dev    home   lib     lib64   lost+found  mnt  proc  run   snap  sys  usr
boot   etc    init   lib32   libx32  media       opt  root  sbin  srv   tmp  var
```

nafeesa8642@Nafee:/\$ cd usr

nafeesa8642@Nafee:/usr\$ ls

```
bin  config  games  include  lib  lib32  lib64  libexec  libx32  local  sbin  share  src
```

nafeesa8642@Nafee:/usr\$ cd sys

-bash: cd: sys: No such file or directory

nafeesa8642@Nafee:/usr\$ cd ..

nafeesa8642@Nafee:/\$ cd sys

nafeesa8642@Nafee:/sys\$ ls

```
block  bus  class  dev  devices  firmware  fs  kernel  module
```

nafeesa8642@Nafee:/sys\$ cd ..

nafeesa8642@Nafee:/\$ cd usr/local

nafeesa8642@Nafee:/usr/local\$ ls

```
bin  etc  games  include  lib  man  sbin  share  src
```

nafeesa8642@Nafee:/usr/local\$ cd ..

nafeesa8642@Nafee:/usr\$ cd ..

nafeesa8642@Nafee:/\$ cd usr/games

nafeesa8642@Nafee:/usr/games\$ ls

sl

nafeesa8642@Nafee:/usr/games\$ cd ..

nafeesa8642@Nafee:/usr\$ cd ..

nafeesa8642@Nafee:/\$ cd temp

-bash: cd: temp: No such file or directory

nafeesa8642@Nafee:/\$ cd ..

nafeesa8642@Nafee:/\$ ls

```
bin    dev    home   lib     lib64   lost+found  mnt  proc  run   snap  sys  usr
boot   etc    init   lib32   libx32  media       opt  root  sbin  srv   tmp  var
```

nafeesa8642@Nafee:/\$ cd ..

```

nafeesa8642@Nafee: ~
nafeesa8642@Nafee:/$ cd
nafeesa8642@Nafee:~$ ls
ABCImpex      evenodd.sh      hellofunc.sh    multiples.sh    myfile.sh        nafeesa_playbook  sam.sh          temp
args.sh       example.sh      helloscript.sh  mycmds.sh      myfilevars.sh    nano.save         sam.yml         vardemo.sh
bash_alias   filewithvars.sh hi.sh           mycmds.sh.save myfilewithvars.sh nano.save.1      sam_orchestrate.yml  whiledemo.sh
cont.yml     food.sh         ifelse.sh       mycommands.sh  myfilewithvars1.sh odd.sh            samrole         yourfile
decision.sh  friends.sh      input.sh        mydata.sh      myinfo1.txt      parurole         selffile.sh
demo.sh      function_demo.sh main.yml        mydata1.sh     nafee.yml        reading.sh        stringdemo.sh
nafeesa8642@Nafee:~$ mkdir -p parent/child
nafeesa8642@Nafee:~$ ls
ABCImpex      hellofunc.sh    myfile.sh        reading.sh
args.sh       helloscript.sh  myfilevars.sh   sam.sh
bash_alias   hi.sh           myfilewithvars.sh sam.yml
cont.yml     ifelse.sh       myfilewithvars1.sh sam_orchestrate.yml
decision.sh  input.sh        myinfo1.txt     samrole
demo.sh      main.yml        nafee.yml       selffile.sh
evenodd.sh   multiples.sh    nafeesa_playbook stringdemo.sh
example.sh   mycmds.sh      nano.save       temp
filewithvars.sh mycmds.sh.save nano.save.1     vardemo.sh
food.sh     mycommands.sh  odd.sh          whiledemo.sh
friends.sh  mydata.sh      parent          yourfile
function_demo.sh mydata1.sh     parurole
nafeesa8642@Nafee:~$ cd parent
nafeesa8642@Nafee:~/parent$ ls
child
nafeesa8642@Nafee:~/parent$ cd ../../
nafeesa8642@Nafee:/home$ pwd
/home
nafeesa8642@Nafee:/home$ cd ..
nafeesa8642@Nafee:/$ echo "We can create a simple text file" > simple.txt
-bash: simple.txt: Permission denied
nafeesa8642@Nafee:/$ cd
nafeesa8642@Nafee:~$ echo "We can create a simple text file" > simple.txt
nafeesa8642@Nafee:~$ cat simple.txt
We can create a simple text file
nafeesa8642@Nafee:~$ echo "I am going to add some extra info" >> simple.txt
nafeesa8642@Nafee:~$ cat simple.txt
We can create a simple text file
I am going to add some extra info

```

nafeesa8642@Nafee: ~

nafeesa8642@Nafee:~\$ cat my*

echo "Welcome to shell scripting"

echo "Shell scripting file will have executable linux commands"

ls

ls -l

pwd

man

echo "Welcome to shell scripting"

echo "Shell scripting file wecho "it displayed list of directories and files in this location"

pwd

#!/bin/bash

echo We have seen something very strange in the woods.

ls

pwd

touch mycommands.sh

cat mycommands.sh

#!/bin/bash

echo "Mydata"

idno=206280

name=Nafeesa

city=Tirupathi

jobrole=Developer

echo "\$idno \$name \$city \$jobrole"

#!/bin/bash

echo "What is your name?"

read name

echo "Where are you from?"

read location

#!/bin/bash

echo we have seen something strange

ls

#!/bin/bash

echo "mydata"

name = "Nafeesa"

nafeesa8642@Nafee: ~

```
no = 206280
salary = 3.5
DOJ = "23 November"
echo "$name $city $no $salary $DOJ"
name = "Samreen"
city = "Tirupathi"
no = 206280
salary = 46578
joindate = "23 November 2021"
echo "$name $city $no $salary $joindate"
```

```
#!/bin/bash
echo "mydata"
name = Nafeesa
city = Trivandram
no = 206280
salary = 3.5
doj = 23 November
echo "$name $city $no $salary $doj"
```

Today's weather seems to be really chill and cool

nafeesa8642@Nafee:~\$ ls

ABCimpex	hellofunc.sh	myfile.sh	reading.sh
args.sh	helloscript.sh	myfilevars.sh	sam.sh
bash_alias	hi.sh	myfilewithvars.sh	sam.yml
cont.yml	ifelse.sh	myfilewithvars1.sh	sam_orchestrate.yml
decision.sh	input.sh	myinfo1.txt	samrole
demo.sh	main.yml	nafee.yml	selfile.sh
evenodd.sh	multiples.sh	nafeesa_playbook	simple.txt
example.sh	mycmds.sh	nano.save	stringdemo.sh
filewithvars.sh	mycmds.sh.save	nano.save.1	temp
food.sh	mycommands.sh	odd.sh	vardemo.sh
friends.sh	mydata.sh	parent	whiledemo.sh
function_demo.sh	mydata1.sh	parurole	yourfile

nafeesa8642@Nafee:~\$ mv simple.txt myinfo.txt

nafeesa8642@Nafee:~\$ cd temp

nafeesa8642@Nafee:~/temp\$ ls

foldr1 mix.txt sam1.txt

nafeesa8642@Nafee:~/temp\$ cp sam1.txt mix.txt

nafeesa8642@Nafee:~/temp\$ ls

```

nafeesa0642@Nafee: ~
nafeesa8642@Nafee:~$ mv simple.txt myinfo.txt
nafeesa8642@Nafee:~$ cd temp
nafeesa8642@Nafee:~/temp$ ls
foldr1  mix.txt  sam1.txt
nafeesa8642@Nafee:~/temp$ cp sam1.txt mix.txt
nafeesa8642@Nafee:~/temp$ ls
foldr1  mix.txt  sam1.txt
nafeesa8642@Nafee:~/temp$ cat mix.txt
Hi! welcome to linux session
I will append this text file now
Today's session was great!!
nafeesa8642@Nafee:~/temp$ cat sam1.txt
Hi! welcome to linux session
I will append this text file now
Today's session was great!!
nafeesa8642@Nafee:~/temp$ cd foldr1
nafeesa8642@Nafee:~/temp/foldr1$ ls
foldr2  mix.txt  temp
nafeesa8642@Nafee:~/temp/foldr1$ mv temp newtmp
nafeesa8642@Nafee:~/temp/foldr1$ ls
foldr2  mix.txt  newtmp
nafeesa8642@Nafee:~/temp/foldr1$ cd ..
nafeesa8642@Nafee:~/temp$ cd ..
nafeesa8642@Nafee:~$ whoami
nafeesa8642
nafeesa8642@Nafee:~$ who
nafeesa8642@Nafee:~$ w
 10:31:10 up 1:00,  0 users,  load average: 0.00, 0.03, 0.05
USER      TTY      FROM          LOGIN@   IDLE   JCPU   PCPU   WHAT
nafeesa8642@Nafee:~$ id
uid=1000(nafeesa8642) gid=1000(nafeesa8642) groups=1000(nafeesa8642),4(adm),20(dialout),24(cdrom),25(floppy),27(sudo),29(audio),30(dip),44(video),46(plugdev),117(netdev),1014(docker)
nafeesa8642@Nafee:~$ man man
nafeesa8642@Nafee:~$ cd /
nafeesa8642@Nafee:/$ ls
bin  dev  home  lib      lib64  lost+found  mnt  proc  run  sbin  sys  usr
boot  etc  init  lib32    libx32  media      opt  root  sbin  srv  tmp  var
nafeesa8642@Nafee:/$ cat /etc/passwd
root:x:0:0:root:/root:/bin/bash
daemon:x:1:1:daemon:/usr/sbin:/usr/sbin/nologin

```

nafeesa8642@Nafee: ~

nafeesa8642@Nafee:~\$ man man

nafeesa8642@Nafee:~\$ cd /

nafeesa8642@Nafee:/\$ ls

```
bin  dev  home  lib    lib64  lost+found  mnt  proc  run  snap  sys  usr
boot  etc  init  lib32  libx32  media      opt  root  sbin  srv   tmp  var
```

nafeesa8642@Nafee:/\$ cat /etc/passwd

root:x:0:0:root:/root:/bin/bash

daemon:x:1:1:daemon:/usr/sbin:/usr/sbin/nologin

bin:x:2:2:bin:/bin:/usr/sbin/nologin

sys:x:3:3:sys:/dev:/usr/sbin/nologin

sync:x:4:65534:sync:/bin:/bin/sync

games:x:5:60:games:/usr/games:/usr/sbin/nologin

man:x:6:12:man:/var/cache/man:/usr/sbin/nologin

lp:x:7:7:lp:/var/spool/lpd:/usr/sbin/nologin

mail:x:8:8:mail:/var/mail:/usr/sbin/nologin

news:x:9:9:news:/var/spool/news:/usr/sbin/nologin

uucp:x:10:10:uucp:/var/spool/uucp:/usr/sbin/nologin

proxy:x:13:13:proxy:/bin:/usr/sbin/nologin

www-data:x:33:33:www-data:/var/www:/usr/sbin/nologin

backup:x:34:34:backup:/var/backups:/usr/sbin/nologin

list:x:38:38:Mailing List Manager:/var/list:/usr/sbin/nologin

irc:x:39:39:ircd:/var/run/ircd:/usr/sbin/nologin

gnats:x:41:41:Gnats Bug-Reporting System (admin)/var/lib/gnats:/usr/sbin/nologin

nobody:x:65534:65534:nobody:/nonexistent:/usr/sbin/nologin

systemd-network:x:100:102:systemd Network Management,,,:/run/systemd:/usr/sbin/nologin

systemd-resolve:x:101:103:systemd Resolver,,,:/run/systemd:/usr/sbin/nologin

systemd-timesync:x:102:104:systemd Time Synchronization,,,:/run/systemd:/usr/sbin/nologin

messagebus:x:103:106::/nonexistent:/usr/sbin/nologin

syslog:x:104:110::/home/syslog:/usr/sbin/nologin

_apt:x:105:65534::/nonexistent:/usr/sbin/nologin

tss:x:106:111:TPM software stack,,,:/var/lib/tpm:/bin/false

uuid:x:107:112::/run/uuid:/usr/sbin/nologin

tcpdump:x:108:113::/nonexistent:/usr/sbin/nologin

sshd:x:109:65534::/run/sshd:/usr/sbin/nologin

landscape:x:110:115::/var/lib/landscape:/usr/sbin/nologin

pollinate:x:111:1::/var/cache/pollinate:/bin/false

nafeesa8642:x:1000:1000:,,,:/home/nafeesa8642:/bin/bash

usr1:x:1001:1001::/home/usr1:/bin/sh

usr2:x:1002:1002::/home/usr2:/bin/sh

usr3:x:1003:1003::/home/usr3:/bin/sh


```
nafeesa8642@Nafee: ~
nafeesa8642:x:1000:1000:,,,:/home/nafeesa8642:/bin/bash
usr1:x:1001:1001::/home/usr1:/bin/sh
usr2:x:1002:1002::/home/usr2:/bin/sh
usr3:x:1003:1003::/home/usr3:/bin/sh
usr4:x:1004:1004::/home/usr4:/bin/sh
user1:x:1005:1005::/home/user1:/bin/sh
user2:x:1006:1006::/home/user2:/bin/sh
user3:x:1007:1007::/home/user3:/bin/sh
user4:x:1008:1008::/home/user4:/bin/sh
shabnam:x:1009:1009:first user,,,:/home/shabnam:/bin/bash
rahib:x:1010:1010:second user,,,:/home/rahib:/bin/bash
pavitra:x:1011:1011:third user,,,:/home/pavitra:/bin/bash
pavan:x:1012:1012:fourth user,,,:/home/pavan:/bin/bash
timjag:x:1013:1013:new user,,,:/home/timjag:/bin/bash
fazil:x:1014:1015:preferred user name,,,:/home/fazil:/bin/bash
mami:x:1015:1017:,,,:/home/mami:/bin/bash
nisha:x:1016:1018:,,,:/home/nisha:/bin/bash
egg:x:1017:1019:,,,:/home/egg:/bin/bash
milk:x:1018:1020:,,,:/home/milk:/bin/bash
sindu:x:1019:1021:,,,:/home/sindu:/bin/bash
nafeesa8642@Nafee:/$ cd
nafeesa8642@Nafee:~$ sudo adduser madhuri
[sudo] password for nafeesa8642:
Sorry, try again.
[sudo] password for nafeesa8642:
Sorry, try again.
[sudo] password for nafeesa8642:
Adding user `madhuri' ...
Adding new group `madhuri' (1023) ...
Adding new user `madhuri' (1020) with group `madhuri' ...
Creating home directory `/home/madhuri' ...
Copying files from `/etc/skel' ...
New password:
Retype new password:
passwd: password updated successfully
Changing the user information for madhuri
Enter the new value, or press ENTER for the default
    Full Name []:
    Room Number []:
    Work Phone []:
    Home Phone []:
    Other []:
```


nafeesa8642@Nafee: ~

Is the information correct? [Y/n] y

nafeesa8642@Nafee:~\$ su - madhuri

Password:

Welcome to Ubuntu 20.04.3 LTS (GNU/Linux 5.10.16.3-microsoft-standard-WSL2 x86_64)

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* Management: <https://landscape.canonical.com>
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System information as of Thu Jan 20 10:35:00 IST 2022

System load:	0.12	Processes:	15
Usage of /:	0.7% of 250.98GB	Users logged in:	0
Memory usage:	9%	IPv4 address for eth0:	172.23.97.110
Swap usage:	0%		

99 updates can be applied immediately.

39 of these updates are standard security updates.

To see these additional updates run: apt list --upgradable

The list of available updates is more than a week old.

To check for new updates run: sudo apt update

This message is shown once a day. To disable it please create the
/home/madhuri/.hushlogin file.

madhuri@Nafee:~\$ su - nafeesa8642

Password:

alias ll='ls -alF'

-bash: alias: =ls -l: not found

alias la='ls -A'

-bash: alias: =ls -a: not found

-bash: alias: lh: not found

-bash: alias: =ls -h: not found

nafeesa8642@Nafee:~\$ cat /etc/group

root:x:0:

daemon:x:1:

bin:x:2:

sys:x:3:

adm:x:4:syslog,nafeesa8642

tty:x:5:syslog

nafeesa8642@Nafee: ~

nafeesa8642@Nafee:~\$ sudo groupadd devopstraining

nafeesa8642@Nafee:~\$ ls

ABCimpex	hellofunc.sh	myfile.sh	parurole
args.sh	helloscript.sh	myfilevars.sh	reading.sh
bash_alias	hi.sh	myfilewithvars.sh	sam.sh
cont.yml	ifelse.sh	myfilewithvars1.sh	sam.yml
decision.sh	input.sh	myinfo.txt	sam_orchestrate.yml
demo.sh	main.yml	myinfo1.txt	samrole
evenodd.sh	multiples.sh	nafee.yml	selfile.sh
example.sh	mycmds.sh	nafeesa_playbook	stringdemo.sh
filewithvars.sh	mycmds.sh.save	nano.save	temp
food.sh	mycommands.sh	nano.save.1	vardemo.sh
friends.sh	mydata.sh	odd.sh	whiledemo.sh
function_demo.sh	mydata1.sh	parent	yourfile

nafeesa8642@Nafee:~\$ ls -il

```
total 192
40739 drwxr-xr-x  3 nafeesa8642 nafeesa8642 4096 Dec 17 13:32 ABCimpex
97403 -rwxr-xr-x  1 nafeesa8642 nafeesa8642   96 Dec 20 13:23 args.sh
96830 -rw-r--r--  1 nafeesa8642 nafeesa8642   30 Dec 10 15:44 bash_alias
37431 -rw-r--r--  1 nafeesa8642 nafeesa8642   61 Dec 15 17:56 cont.yml
96833 -rwxr-xr-x  1 nafeesa8642 nafeesa8642  323 Dec 13 12:02 decision.sh
96834 -rwxr-xr-x  1 nafeesa8642 nafeesa8642  120 Dec 13 12:08 demo.sh
96839 -rwxr-xr-x  1 nafeesa8642 nafeesa8642  137 Dec 13 14:09 evenodd.sh
96829 -rwxrwxr--  1 nafeesa8642 nafeesa8642  105 Dec 10 15:33 example.sh
96826 -rwxr-xr-x  1 nafeesa8642 nafeesa8642  135 Dec 10 14:10 filewithvars.sh
96840 -rwxr-xr-x  1 nafeesa8642 nafeesa8642  189 Dec 13 15:19 food.sh
96844 -rwxr-xr-x  1 nafeesa8642 nafeesa8642  130 Dec 13 15:06 friends.sh
96841 -rwxrwxr--  1 nafeesa8642 nafeesa8642  162 Dec 13 17:23 function_demo.sh
96845 -rwxrwxr--  1 nafeesa8642 nafeesa8642  132 Dec 13 17:28 hellofunc.sh
96809 -rwxr-xr-x  1 nafeesa8642 nafeesa8642  446 Dec 13 10:32 helloscript.sh
96831 -rwxr-xr-x  1 nafeesa8642 nafeesa8642   90 Dec 13 12:05 hi.sh
97405 -rwxr-xr-x  1 nafeesa8642 nafeesa8642  178 Dec 20 13:39 ifelse.sh
97404 -rwxr-xr-x  1 nafeesa8642 nafeesa8642  170 Dec 20 13:01 input.sh
96848 -rw-r--r--  1 nafeesa8642 nafeesa8642  539 Dec 16 11:18 main.yml
96842 -rwxr-xr-x  1 nafeesa8642 nafeesa8642  110 Dec 13 15:01 multiples.sh
96817 -rwxr-xr-x  1 nafeesa8642 nafeesa8642  116 Dec 10 11:11 mycmds.sh
96821 -rwxr-xr-x  1 nafeesa8642 nafeesa8642  134 Dec 10 18:11 mycmds.sh.save
96819 -rwxr-xr-x  1 nafeesa8642 nafeesa8642  113 Dec 10 12:18 mycommands.sh
96837 -rwxr-xr-x  1 nafeesa8642 nafeesa8642  119 Dec 13 13:23 mydata.sh
```

```
nafeesa8642@Nafee:~$ find . - name *.txt
```

```
.
./myfile.sh
./python_history
./.azure
./vardemo.sh
./mydata.sh
./hi.sh
./nafee.yml
./samrole
./samrole/tasks
./samrole/tasks/main.yml
./samrole/defaults
./samrole/defaults/main.yml
./samrole/meta
./samrole/meta/main.yml
./samrole/tests
./samrole/tests/inventory
./samrole/tests/test.yml
./samrole/README.md
./samrole/templates
./samrole/handlers
./samrole/handlers/main.yml
./samrole/vars
./samrole/vars/main.yml
./samrole/.travis.yml
./samrole/files
./temp
./temp/foldr1
./temp/foldr1/newtmp
./temp/foldr1/mix.txt
./temp/foldr1/foldr2
./temp/mix.txt
./temp/sam1.txt
./filewithvars.sh
./helloscript.sh
./.landscape
./.landscape/sysinfo.log
./sam.sh
./.sudo_as_admin_successful
```

```

nafeesa8642@Nafee: ~
nafeesa8642@Nafee:~$ find . -name "t*"
./samrole/tasks
./samrole/tests
./samrole/tests/test.yml
./samrole/templates
./temp
./ansible/tmp
./parurole/tasks
./parurole/tests
./parurole/tests/test.yml
./parurole/templates
./nafeesa_playbook/start-tomcat/tasks
./nafeesa_playbook/start-tomcat/tests
./nafeesa_playbook/start-tomcat/tests/test.yml
./nafeesa_playbook/start-tomcat/templates
./nafeesa_playbook/install-tomcat/tasks
./nafeesa_playbook/install-tomcat/tests
./nafeesa_playbook/install-tomcat/tests/test.yml
./nafeesa_playbook/install-tomcat/templates
find: 'd': No such file or directory
nafeesa8642@Nafee:~$ cd temp
nafeesa8642@Nafee:~/temp$ ls
foldr1  mix.txt  sam1.txt
nafeesa8642@Nafee:~/temp$ find . -name foldr1 -delete
find: cannot delete './foldr1': Directory not empty
nafeesa8642@Nafee:~/temp$ find . -name mix.txt -delete
nafeesa8642@Nafee:~/temp$ ls
foldr1  sam1.txt
nafeesa8642@Nafee:~/temp$ cd ..
nafeesa8642@Nafee:~$ free
              total        used        free      shared  buff/cache   availableMem:    6427128    574980    4378616    374384    1473532    5245196
Swap:      2097152           0      2097152
nafeesa8642@Nafee:~$ uptime
10:50:23 up 1:19, 0 users, load average: 0.10, 0.05, 0.01
nafeesa8642@Nafee:~$ top
top - 10:52:23 up 1:21, 0 users, load average: 0.04, 0.04, 0.00
Tasks: 14 total, 1 running, 13 sleeping, 0 stopped, 0 zombie
%Cpu(s):  0.8 us,  0.0 sy,  0.0 ni, 99.2 id,  0.0 wa,  0.0 hi,  0.0 si,  0.0 st
MiB Mem : 6276.5 total, 4275.3 free, 562.0 used, 1439.2 buff/cache
MiB Swap: 2048.0 total, 2048.0 free,  0.0 used. 5121.8 avail Mem

```

nafeesa8642@Nafee: ~

nafeesa8642@Nafee:~\$ uptime

10:50:23 up 1:19, 0 users, load average: 0.10, 0.05, 0.01

nafeesa8642@Nafee:~\$ top

top - 10:52:23 up 1:21, 0 users, load average: 0.04, 0.04, 0.00

Tasks: 14 total, 1 running, 13 sleeping, 0 stopped, 0 zombie

%Cpu(s): 0.8 us, 0.0 sy, 0.0 ni, 99.2 id, 0.0 wa, 0.0 hi, 0.0 si, 0.0 st

Mem: 6276.5 total, 4275.3 free, 562.0 used, 1439.2 buff/cache

Swap: 2048.0 total, 2048.0 free, 0.0 used, 5121.8 avail Mem

PID	USER	PR	NI	VIRT	RES	SHR	S	%CPU	%MEM	TIME+	COMMAND
1	root	20	0	900	524	464	S	0.0	0.0	0:00.07	init
127	root	20	0	900	80	20	S	0.0	0.0	0:00.00	init
128	root	20	0	900	80	20	S	0.0	0.0	0:00.06	init
129	root	20	0	1605580	30908	13596	S	0.0	0.5	0:03.11	docker-d+
140	root	20	0	900	80	20	S	0.0	0.0	0:00.00	init
141	nafeesa+	20	0	764776	48016	29392	S	0.0	0.7	0:02.25	docker
168	root	20	0	900	80	20	S	0.0	0.0	0:00.00	init
169	root	20	0	900	80	20	S	0.0	0.0	0:01.12	init
170	nafeesa+	20	0	10184	5068	3308	S	0.0	0.1	0:00.63	bash
311	root	20	0	10512	4184	3468	S	0.0	0.1	0:00.05	su
312	madhuri	20	0	10032	5008	3304	S	0.0	0.1	0:00.17	bash
375	root	20	0	10512	4116	3400	S	0.0	0.1	0:00.04	su
376	nafeesa+	20	0	10172	5164	3404	S	0.0	0.1	0:00.50	bash
437	nafeesa+	20	0	10876	3660	3152	R	0.0	0.1	0:00.02	top

nafeesa8642@Nafee:~\$ Htop

Command 'Htop' not found, did you mean:

command 'itop' from deb itop (0.1-4build1)

command 'utop' from deb utop (2.4.3-1build1)

command 'dtop' from deb diod (1.0.24-4)

command 'ptop' from deb fp-utils-3.0.4 (3.0.4+dfsg-23)

command 'ptop' from deb px (1.0.29-1)

command 'top' from deb procps (2:3.3.16-1ubuntu2.3)

```
nafeesa8642@Nafee: ~  
nafeesa8642@Nafee:~$ htop  
nafeesa8642@Nafee:~$ env  
SHELL=/bin/bash  
PWD=/home/nafeesa8642  
_LOGNAME=nafeesa8642  
HOME=/home/nafeesa8642  
LANG=C.UTF-8  
_S_COLORS=rs=0:di=01;34:ln=01;36:mh=00:pi=40;33:so=01;35:do=01;35:bd=40;33;01:cd=40;33;01:or=40;31;01:mi=00:su=37;41:sg=30;43:ca=30;41:tw=30;42:ow=34;42:st=37;44:ex=01;32:*.tar=01;31:*.tgz=01;31:*.arc=01;31:*.arj=01;31:*.taz=01;31:*.lha=01;31:*.lz4=01;31:*.lzh=01;31:*.lzma=01;31:*.tlz=01;31:*.txz=01;31:*.tzo=01;31:*.t7z=01;31:*.zip=01;31:*.z=01;31:*.dz=01;31:*.gz=01;31:*.lrz=01;31:*.lz=01;31:*.lzo=01;31:*.xz=01;31:*.zst=01;31:*.tzst=01;31:*.bz2=01;31:*.bz=01;31:*.tbz=01;31:*.tbz2=01;31:*.tz=01;31:*.deb=01;31:*.rpm=01;31:*.jar=01;31:*.war=01;31:*.ear=01;31:*.sar=01;31:*.rar=01;31:*.alz=01;31:*.ace=01;31:*.zoo=01;31:*.cpio=01;31:*.7z=01;31:*.rz=01;31:*.cab=01;31:*.wim=01;31:*.swm=01;31:*.dwm=01;31:*.esd=01;31:*.jpg=01;35:*.jpeg=01;35:*.mjpg=01;35:*.mjpeg=01;35:*.gif=01;35:*.bmp=01;35:*.pbm=01;35:*.pgm=01;35:*.ppm=01;35:*.tga=01;35:*.xbm=01;35:*.xpm=01;35:*.tif=01;35:*.tiff=01;35:*.png=01;35:*.svg=01;35:*.svgz=01;35:*.mng=01;35:*.pcx=01;35:*.mov=01;35:*.mpg=01;35:*.mpeg=01;35:*.m2v=01;35:*.mkv=01;35:*.webm=01;35:*.ogm=01;35:*.mp4=01;35:*.m4v=01;35:*.mp4v=01;35:*.vob=01;35:*.qt=01;35:*.nuv=01;35:*.wmv=01;35:*.asf=01;35:*.rm=01;35:*.rmvb=01;35:*.flc=01;35:*.avi=01;35:*.fli=01;35:*.flv=01;35:*.gl=01;35:*.dl=01;35:*.xcf=01;35:*.xwd=01;35:*.yuv=01;35:*.cgm=01;35:*.emf=01;35:*.ogv=01;35:*.ogx=01;35:*.aac=00;36:*.au=00;36:*.flac=00;36:*.m4a=00;36:*.mid=00;36:*.midi=00;36:*.mka=00;36:*.mp3=00;36:*.mpc=00;36:*.ogg=00;36:*.ra=00;36:*.wav=00;36:*.oga=00;36:*.opus=00;36:*.spx=00;36:*.xspf=00;36:  
LESSCLOSE=/usr/bin/lesspipe %s %s  
TERM=xterm-256color  
LESSOPEN=| /usr/bin/lesspipe %s  
USER=nafeesa8642  
SHLVL=1  
XDG_DATA_DIRS=/usr/local/share:/usr/share:/var/lib/snapd/desktop  
PATH=/usr/local/sbin:/usr/local/bin:/usr/sbin:/usr/bin:/sbin:/bin:/usr/games:/usr/local/games:/snap/bin  
MAIL=/var/mail/nafeesa8642  
_=/usr/bin/env  
OLDPWD=/home/nafeesa8642/temp  
nafeesa8642@Nafee:~$ df  
Filesystem      1K-blocks    Used Available Use% Mounted on  
/dev/sdd        263174212   1925936  247810120    1% /  
tmpfs           3213564     373276   2840288    12% /mnt/wsl  
rootfs          153087996  80026864   73061132   53% /init  
none            3211480      0    3211480    0% /dev  
none            3213564     12    3213552    1% /run  
none            3213564      0    3213564    0% /run/lock  
none            3213564      0    3213564    0% /run/shm  
none            3213564      0    3213564    0% /run/user  
tmpfs           3213564      0    3213564    0% /sys/fs/cgroup  
drivers         153087996  80026864   73061132   53% /usr/lib/wsl/drivers
```



```
nafeesa8642@Nafee:~$ last
```

```
wtmp begins Thu Dec  9 10:55:38 2021
```

```
nafeesa8642@Nafee:~$ ps
```

PID	TTY	TIME	CMD
170	pts/2	00:00:00	bash
376	pts/2	00:00:00	bash
458	pts/2	00:00:00	ps

```
nafeesa8642@Nafee:~$ info
```

```
nafeesa8642@Nafee:~$ ansible all -m ping --ask-all
```

```
usage: ansible [-h] [--version] [-v] [-b] [--become-method BECOME_METHOD]
               [--become-user BECOME_USER] [-K] [-i INVENTORY] [--list-hosts]
               [-l SUBSET] [-P POLL_INTERVAL] [-B SECONDS] [-o] [-t TREE]
               [-k] [--private-key PRIVATE_KEY_FILE] [-u REMOTE_USER]
               [-c CONNECTION] [-T TIMEOUT]
               [--ssh-common-args SSH_COMMON_ARGS]
               [--sftp-extra-args SFTP_EXTRA_ARGS]
               [--scp-extra-args SCP_EXTRA_ARGS]
               [--ssh-extra-args SSH_EXTRA_ARGS] [-C] [--syntax-check] [-D]
               [-e EXTRA_VARS] [--vault-id VAULT_IDS]
               [--ask-vault-password | --vault-password-file VAULT_PASSWORD_FILES]
               [-f FORKS] [-M MODULE_PATH] [--playbook-dir BASEDIR]
               [--task-timeout TASK_TIMEOUT] [-a MODULE_ARGS]
               [-m MODULE_NAME]
               pattern
```

```
ansible: error: unrecognized arguments: --ask-all
```

```
usage: ansible [-h] [--version] [-v] [-b] [--become-method BECOME_METHOD]
               [--become-user BECOME_USER] [-K] [-i INVENTORY] [--list-hosts]
               [-l SUBSET] [-P POLL_INTERVAL] [-B SECONDS] [-o] [-t TREE]
               [-k] [--private-key PRIVATE_KEY_FILE] [-u REMOTE_USER]
               [-c CONNECTION] [-T TIMEOUT]
               [--ssh-common-args SSH_COMMON_ARGS]
               [--sftp-extra-args SFTP_EXTRA_ARGS]
               [--scp-extra-args SCP_EXTRA_ARGS]
               [--ssh-extra-args SSH_EXTRA_ARGS] [-C] [--syntax-check] [-D]
               [-e EXTRA_VARS] [--vault-id VAULT_IDS]
               [--ask-vault-password | --vault-password-file VAULT_PASSWORD_FILES]
               [-f FORKS] [-M MODULE_PATH] [--playbook-dir BASEDIR]
```


Select nafeesa8642@Nafee: ~

nafeesa8642@Nafee:~\$ python3

Python 3.8.10 (default, Jun 2 2021, 10:49:15)

[GCC 9.4.0] on linux

Type "help", "copyright", "credits" or "license" for more information.

>>> "hello"

'hello'

>>> 56+96

152

>>> 73-78

-5

>>> 56*74

4144

>>> 76/9

8.4444444444444445

>>> 76//9

8

>>> 89%8

1

>>> 7**4

2401

>>> no=4

>>> if(no <10):

... print(no, 'single digit')

... else:

... print(no, 'Multi digit')

...

4 single digit

>>> no=56

>>> if(no <10):

... print(no, 'single digit')

... else:

... print(no, 'Multi digit')

...

56 Multi digit

>>> no=786

>>> if(no <10):

... print(no, 'single digit')

... elif(no<100):

... print(no, 'double digit')

... elif(no<1000):

... print(no, 'triple digit')

Select nafeesa8642@Nafee: ~

```
...     print(no, 'double digit')
... elif(no<1000):
...     print(no, 'triple digit')
... elif(no<10000):
...     print(no, 'multiple digit')
... else:
...     print(no, 'more than 5 digits')
...
```

786 triple digit

```
>>> friends=['Raj','Aman','Vijay','Shannu','Parvathi','Bindu']
```

File "<stdin>", line 1

```
    friends=['Raj','Aman','Vijay','Shannu','Parvathi','Bindu']
                                ^
```

SyntaxError: invalid syntax

```
>>> friends=['Raj','Aman','Vijay','Shannu','Parvathi','Bindu']
```

```
>>> friends[5]
```

'Bindu'

```
>>> friends[2]
```

'Vijay'

```
>>> for name in friends:
```

```
...     print(name)
```

...

Raj

Aman

Vijay

Shannu

Parvathi

Bindu

```
>>> name= input("What is your name")
```

What is your name Nafeesa

```
>>> print(name)
```

Nafeesa

```
>>> #Fibonacci series
```

```
>>> a,b=9,8
```

```
>>> n=16
```

```
>>> while(a<n):
```

```
...     print(a, end='')
```

```
...     a,b = b, a+b
```

...

98>>> 2

Select nafeesa8642@Nafee: ~

```
>> a,b=0,1
>> n=16
>> while(a<n):
..     print(a, end=' ')
..     a,b = b,a+b
..
>> def calculate(no):
..     if(no>100):
..         print(no*no)
..     else:
..         print(no+no)
..
>> calculate(200)
0000
>> calculate(999)
98001
>> calculate(99)
98
>> def hellofunc(n,m):
..     if(n>m):
..         print(str(n)+'is great')
..     else:
..         print(str(m)+'is great')
..
>> hellofunc(5,15)
5is great
>> hellofunc(56,90)
0is great
>> class product:
..     def setproduct(self,name,price,qty):
..         self.name=name
..         self.price=price
..         self.qty=qty
..     def getproduct(self):
File "<stdin>", line 6
    def getproduct(self):
    ^
SyntaxError: invalid syntax
>> class product:
..     def setproduct(self,name,price,qty):
```

Select nafeesa8642@Nafee: ~

```
...         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',4000,40)
>>> prd.getproduct()
cake
4000
40
>>> f=open('//home//nafeesa8642//temp//mix.txt')
Traceback (most recent call last):
  File "<stdin>", line 1, in <module>
FileNotFoundError: [Errno 2] No such file or directory: '//home//nafeesa8642//temp//mix.txt'
>>> f=open('//home//nafeesa8642//temp')
Traceback (most recent call last):
  File "<stdin>", line 1, in <module>
IsADirectoryError: [Errno 21] Is a directory: '//home//nafeesa8642//temp'
>>> f=open('//home//nafeesa8642//myinfo.txt')
>>> print(f)
<_io.TextIOWrapper name='//home//nafeesa8642//myinfo.txt' mode='r' encoding='UTF-8'>
>>> #Importing math class
>>> from math import *
>>> a =pi
>>> print(a)
3.141592653589793
>>> print(sqrt(16))
4.0
>>> print(pow(2,3))
8.0
>>> print(round(27.998765))
28
>>> print(floor(776.9086))
776
>>> print(ceil(52.0001))
53
```