



Ubuntu

```
labeeb@DESKTOP-9GCAA76:~$ ls
Hashmum      food.sh      if.sh        mycommands.sh  odd.sh        test.yml
Zing         forexmp.sh  labeeb_playbook  myfilewithvars.sh  odd1.sh       trainee
abcImpex     friends.sh  labeebrole     myfunction.sh   ood1.sh       work_20122021
demo_if_else.sh  funcwitharg.sh  labi          myinfo.sh       prime.sh      xyz_playbook
evenOrOdd.sh  hello.txt   listInsidededic.yml  myinfo_inpt.sh  read.sh
fibnacci.sh   helloscript.sh  mulOf5.sh     'odd(15-25).sh'  starPrint1.sh
```

labeeb@DESKTOP-9GCAA76:~\$ pwd

/home/labeeb

labeeb@DESKTOP-9GCAA76:~\$ cd

labeeb@DESKTOP-9GCAA76:~\$ ls

```
Hashmum      food.sh      if.sh        mycommands.sh  odd.sh        test.yml
Zing         forexmp.sh  labeeb_playbook  myfilewithvars.sh  odd1.sh       trainee
abcImpex     friends.sh  labeebrole     myfunction.sh   ood1.sh       work_20122021
demo_if_else.sh  funcwitharg.sh  labi          myinfo.sh       prime.sh      xyz_playbook
evenOrOdd.sh  hello.txt   listInsidededic.yml  myinfo_inpt.sh  read.sh
fibnacci.sh   helloscript.sh  mulOf5.sh     'odd(15-25).sh'  starPrint1.sh
```

labeeb@DESKTOP-9GCAA76:~\$ pwd

/home/labeeb

labeeb@DESKTOP-9GCAA76:~\$ cd trainee

labeeb@DESKTOP-9GCAA76:~/trainee\$ ls

```
akhil.txt  hello.sh  hello.sh.save  myfile  myfile.sh  myinfo.txt  nikhil.txt  shell.txt  train.sh  trainee.sh
```

labeeb@DESKTOP-9GCAA76:~/trainee\$ cat akhil.txt

hello my name is akhil

labeeb@DESKTOP-9GCAA76:~/trainee\$ cat hello.sh

echo 'hello '

pwd

ls -lh

ls -l

labeeb@DESKTOP-9GCAA76:~/trainee\$./hello.sh

hello

/home/labeeb/trainee

total 0

```
-rw-r--r-- 1 labeeb labeeb 23 Dec  7 15:35 akhil.txt
-rwxr-xr-x 1 labeeb labeeb 31 Dec 10 06:12 hello.sh
-rwxr-xr-x 1 labeeb labeeb 32 Dec 10 15:37 hello.sh.save
-rwxr-xr-x 1 labeeb labeeb 36 Dec 10 06:09 myfile
-rwxr-xr-x 1 labeeb labeeb 36 Dec 10 06:10 myfile.sh
-rwxr-xr-x 1 labeeb labeeb 18 Dec 10 04:32 myinfo.txt
-rw-r--r-- 1 labeeb labeeb 45 Dec  7 15:36 nikhil.txt
-rwxr-xr-x 1 labeeb labeeb 29 Dec 10 05:46 shell.txt
-rwxr-xr-x 1 labeeb labeeb 31 Dec 10 06:14 train.sh
-rwxr-xr-x 1 labeeb labeeb 40 Dec 10 06:15 trainee.sh
```


labeeb@DESKTOP-9GCAA76: ~/trainee\$

```
total 0
-rw-r--r-- 1 labeeb labeeb 23 Dec  7 15:35 akhil.txt
-rwxr-xr-x 1 labeeb labeeb 31 Dec 10 06:12 hello.sh
-rwxr-xr-x 1 labeeb labeeb 32 Dec 10 15:37 hello.sh.save
-rwxr-xr-x 1 labeeb labeeb 36 Dec 10 06:09 myfile
-rwxr-xr-x 1 labeeb labeeb 36 Dec 10 06:10 myfile.sh
-rwxr-xr-x 1 labeeb labeeb 18 Dec 10 04:32 myinfo.txt
-rw-r--r-- 1 labeeb labeeb 45 Dec  7 15:36 nikhil.txt
-rwxr-xr-x 1 labeeb labeeb 29 Dec 10 05:46 shell.txt
-rwxr-xr-x 1 labeeb labeeb 31 Dec 10 06:14 train.sh
-rwxr-xr-x 1 labeeb labeeb 40 Dec 10 06:15 trainee.sh
```

```
total 0
-rw-r--r-- 1 labeeb labeeb 23 Dec  7 15:35 akhil.txt
-rwxr-xr-x 1 labeeb labeeb 31 Dec 10 06:12 hello.sh
-rwxr-xr-x 1 labeeb labeeb 32 Dec 10 15:37 hello.sh.save
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-rwxr-xr-x 1 labeeb labeeb 36 Dec 10 06:10 myfile.sh
-rwxr-xr-x 1 labeeb labeeb 18 Dec 10 04:32 myinfo.txt
-rw-r--r-- 1 labeeb labeeb 45 Dec  7 15:36 nikhil.txt
-rwxr-xr-x 1 labeeb labeeb 29 Dec 10 05:46 shell.txt
-rwxr-xr-x 1 labeeb labeeb 31 Dec 10 06:14 train.sh
-rwxr-xr-x 1 labeeb labeeb 40 Dec 10 06:15 trainee.sh
```

labeeb@DESKTOP-9GCAA76:~/trainee\$ free

	total	used	free	shared	buff/cache	available
Mem:	4109136	3332452	547332	17720	229352	642952
Swap:	12582912	1795544	10787368			

labeeb@DESKTOP-9GCAA76:~/trainee\$ uptime

11:50:16 up 2:40, 0 users, load average: 0.52, 0.58, 0.59

labeeb@DESKTOP-9GCAA76:~/trainee\$ df

Filesystem	1K-blocks	Used	Available	Use%	Mounted on
rootfs	390408188	92784940	297623248	24%	/
none	390408188	92784940	297623248	24%	/dev
none	390408188	92784940	297623248	24%	/run
none	390408188	92784940	297623248	24%	/run/lock
none	390408188	92784940	297623248	24%	/run/shm
none	390408188	92784940	297623248	24%	/run/user
tmpfs	390408188	92784940	297623248	24%	/sys/fs/cgroup
C:\	390408188	92784940	297623248	24%	/mnt/c
D:\	390406140	9192316	381213824	3%	/mnt/d

labeeb@DESKTOP-9GCAA76:~/trainee\$ ps

PID	TTY	TIME	CMD
171	tty2	00:00:00	bash
232	tty2	00:00:00	ps

labeeb@DESKTOP-9GCAA76:~/trainee\$

Find command

```
labeeb@DESKTOP-9GCAA76: ~$ ls
Hashmum          evenOrOdd.sh    friends.sh      if.sh           listInsidedic.yml  myfunction.sh  odd.sh          read.sh
work_20122021    fibnacci.sh    funcwitharg.sh  labeeb_playbook  mulOf5.sh          myinfo.sh      odd1.sh         starPrint1.sh  xyz_playbook
Zing             abcImpex       food.sh         hello.txt       labeebrole         mycommands.sh  myinfo_inpt.sh  ood1.sh        test.yml
demo_if_else.sh  forexmp.sh    helloscript.sh  labi            myfilewithvars.sh  'odd(15-25).sh'  prime.sh        trainee

labeeb@DESKTOP-9GCAA76:~$ find . -name *.*
find: './emo_if_else.sh': No such file or directory
emo_if_else.sh
evenOrOdd.sh
fibnacci.sh
ood1.sh
orexmp.sh
riends.sh
uncwitharg.sh
ello.txt
elloscript.sh
f.sh
istInsidedic.yml
ulOf5.sh
ycommands.sh
yfilewithvars.sh
yfunction.sh
yinfo.sh
yinfo_inpt.sh
dd(15-25).sh
dd.sh
dd1.sh
od1.sh
rime.sh
ead.sh
tarPrint1.sh
est.yml
labeeb@DESKTOP-9GCAA76:~$ find . -name *.txt
find: './ello.txt': No such file or directory
ello.txt
labeeb@DESKTOP-9GCAA76:~$ find . *.sh
./.ansible
./.ansible/galaxy_cache
./.ansible/tmp
./.bashrc
./.bash_aliases
./.bash_aliases.sh
```

Python examples

```
labeeb@DESKTOP-9GCAA76: ~  
labeeb@DESKTOP-9GCAA76:~$ 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'  
>>> name='labeeb'  
>>> age=23  
>>> print('name: ',name,'age: ',age)  
name: labeeb age: 23  
>>> n=20  
>>> if(n>10):  
...     print(n,' is double digit')  
... elif(n>=100):  
...     print(n,' is triple digit')  
... else:  
...     print(n,' is single digit')  
...  
20 is double digit  
>>> def calc(n0):  
...     if(n0>100):  
...         print(n0*n0)  
...     else:  
...         print(n0+n0)  
...  
>>> calc(100)  
200  
>>> calc(200)  
40000  
>>> calc(20)  
40  
>>>
```


Shell examples

```
labeeb@DESKTOP-9GCAA76: ~  
labeeb@DESKTOP-9GCAA76:~$ ls  
Hashmum      food.sh      if.sh        mycommands.sh  odd.sh       test.yml  
Zing         forexmp.sh  labeeb_playbook  myfilewithvars.sh  odd1.sh      trainee  
abcImpex     friends.sh  labeebrole     myfunction.sh    ood1.sh      work_20122021  
demo_if_else.sh  funcwitharg.sh  labi          myinfo.sh        prime.sh     xyz_playbook  
evenOrOdd.sh  hello.txt   listInsidedic.yml  myinfo_inpt.sh  read.sh  
fibnacci.sh   helloscript.sh  mulOf5.sh     'odd(15-25).sh'  starPrint1.sh  
labeeb@DESKTOP-9GCAA76:~$ nano demo_if_else.sh  
labeeb@DESKTOP-9GCAA76:~$ ./demo_if_else.sh  
enter the name of smartphone by poco  
x3  
the price of x3 is 18000  
labeeb@DESKTOP-9GCAA76:~$ ./demo_if_else.sh  
enter the name of smartphone by poco  
c  
c is not a poco phone!!,please enter valid input  
labeeb@DESKTOP-9GCAA76:~$ ./demo_if_else.sh  
enter the name of smartphone by poco  
x2  
the price of x2 is 17000  
labeeb@DESKTOP-9GCAA76:~$
```

```
labeeb@DESKTOP-9GCAA76: ~  
GNU nano 4.8      demo_if_else.sh  
echo enter the name of smartphone by poco  
read smartphone  
if [ $smartphone = x3 ]  
then echo "the price of $smartphone is 18000"  
elif [ $smartphone = x3pro ]  
then echo "the price of $smartphone is 20000 "  
elif [ $smartphone = x2 ]  
then echo "the price of $smartphone is 17000"  
elif [ $smartphone = m3 ]  
then echo "the price of $smartphone is 13000"  
elif [ $smartphone = m3pro ]  
then echo "the price of $smartphone is 16000"  
else echo "$smartphone is not a poco phone!!,please enter valid input "  
fi  
[ Read 14 lines ]  
^G Get Help  ^O Write Out  ^W Where Is  ^K Cut Text  ^J Justify   ^C Cur Pos   M-U Undo     M-A Mark Text  
^X Exit      ^R Read File  ^\ Replace   ^U Paste Text ^T To Spell  ^_ Go To Line M-E Redo     M-6 Copy Text
```

Even or odd example

```
labeeb@DESKTOP-9GCAA76: ~  
labeeb@DESKTOP-9GCAA76:~$ ls  
lashmum      food.sh      if.sh        mycommands.sh  odd.sh        test.yml  
ing           forexmp.sh  labeeb_playbook myfilewithvars.sh odd1.sh       trainee  
abcImpex     friends.sh  labeebrole   myfunction.sh  ood1.sh      work_20122021  
demo_if_else.sh funcwitharg.sh labi         myinfo.sh      prime.sh     xyz_playbook  
evenOrOdd.sh hello.txt   listInsidedic.yml myinfo_inpt.sh read.sh       starPrint1.sh  
fibnacci.sh  helloscript.sh mulOf5.sh     'odd(15-25).sh'  
labeeb@DESKTOP-9GCAA76:~$ nano evenOrOdd.sh  
labeeb@DESKTOP-9GCAA76:~$ ./evenOrOdd.sh  
enter a number:4  
result:4 is even  
labeeb@DESKTOP-9GCAA76:~$ ./evenOrOdd.sh  
enter a number:3  
result:3 is odd  
labeeb@DESKTOP-9GCAA76:~$
```

```
labeeb@DESKTOP-9GCAA76: ~  
GNU nano 4.8      evenOrOdd.sh  
#!/bin/bash  
echo -n enter a number:  
read number  
echo -n "result:"  
rem=$(( $number % 2 ))  
if [ $rem = 0 ]  
    then echo "$number is even"  
else echo "$number is odd"  
fi  
[ Read 9 lines ]  
^G Get Help  ^O Write Out  ^W Where Is   ^K Cut Text   ^J Justify    ^C Cur Pos    M-U Undo      M-A Mark Text  
^X Exit      ^R Read File  ^\ Replace    ^U Paste Text ^T To Spell   ^_ Go To Line  M-E Redo      M-6 Copy Text
```

Fibonacci example

```
labeeb@DESKTOP-9GCAA76: ~  
demo_if_else.sh  funcwitharg.sh  labi  myinfo.sh  prime.sh  xyz_playbook  
evenOrOdd.sh    hello.txt    listInsidedic.yml  myinfo_inpt.sh  read.sh  
fibnacci.sh     helloscript.sh  mulOf5.sh  'odd(15-25).sh'  starPrint1.sh
```

```
labeeb@DESKTOP-9GCAA76:~$ nano fibnacci.sh  
labeeb@DESKTOP-9GCAA76:~$ bash -x ./fibnacci.sh
```

```
+ n1=0  
+ n2=1  
+ echo enter the number:  
enter the number:  
+ read number  
5  
+ (( c=0 ))  
+ (( c<5 ))  
+ echo -n 'the numbers: 0'  
the numbers: 0+ n3=1  
+ n1=1  
+ n2=1  
+ (( c++ ))  
+ (( c<5 ))  
+ echo -n 'the numbers: 1'  
the numbers: 1+ n3=2  
+ n1=1  
+ n2=2  
+ (( c++ ))  
+ (( c<5 ))  
+ echo -n 'the numbers: 1'  
the numbers: 1+ n3=3  
+ n1=2  
+ n2=3  
+ (( c++ ))  
+ (( c<5 ))  
+ echo -n 'the numbers: 2'  
the numbers: 2+ n3=5  
+ n1=3  
+ n2=5  
+ (( c++ ))  
+ (( c<5 ))  
+ echo -n 'the numbers: 3'  
the numbers: 3+ n3=8  
+ n1=5  
+ n2=8  
+ (( c++ ))  
+ (( c<5 ))  
labeeb@DESKTOP-9GCAA76:~$
```

```
labeeb@DESKTOP-9GCAA76: ~
```

```
GNU nano 4.8
```

```
fibnacci.sh
```

```
#!/bin/bash  
n1=0  
n2=1  
echo enter the number:  
read number  
for((c=0;c<$number;c++))  
do  
    echo -n "the numbers: $n1"  
    n3=$((n1+n2))  
    n1=$n2  
    n2=$n3  
done
```

```
[ Read 12 lines ]
```

```
^G Get Help  
^X Exit
```

```
^O Write Out  
^R Read File
```

```
^W Where Is  
^_ Replace
```

```
^K Cut Text  
^U Paste Text
```

```
^J Justify  
^T To Spell
```

```
^C Cur Pos  
^_ Go To Line
```

```
M-U Undo  
M-E Redo
```

```
M-A Mark Text  
M-6 Copy Text
```


Food shell example

```
labeeb@DESKTOP-9GCAA76: ~  
Zing      fibnacci.sh  funcwitharg.sh  labeeb_playbook  mulOf5.sh      myinfo.sh      odd1.sh  sta  
Print1.sh xyz_playbook  
abcImpex  food.sh          hello.txt       labeebrole       mycommands.sh  myinfo_inpt.sh ood1.sh  tes  
t.yml  
demo_if_else.sh forexmp.sh      helloscript.sh  labi             myfilewithvars.sh 'odd(15-25).sh' prime.sh tra  
inee  
labeeb@DESKTOP-9GCAA76:~$ ls  
Hashmum    food.sh          if.sh           mycommands.sh    odd.sh          test.yml  
Zing       forexmp.sh       labeeb_playbook myfilewithvars.sh odd1.sh          trainee  
abcImpex   friends.sh       labeebrole      myfunction.sh     ood1.sh         work_20122021  
demo_if_else.sh funcwitharg.sh  labi            myinfo.sh         prime.sh        xyz_playbook  
evenOrOdd.sh hello.txt        listInsidedic.yml myinfo_inpt.sh    read.sh  
fibnacci.sh helloscript.sh  mulOf5.sh       'odd(15-25).sh'  starPrint1.sh  
labeeb@DESKTOP-9GCAA76:~$ nano food.sh  
labeeb@DESKTOP-9GCAA76:~$ ./food.sh  
enter the name of food  
biryani  
biryani is my favorite food  
labeeb@DESKTOP-9GCAA76:~$ ./food.sh  
enter the name of food  
kabsa  
kabsa is not my favorite  
labeeb@DESKTOP-9GCAA76:~$
```

```
GNU nano 4.8      food.sh  
#bin/bash  
echo enter the name of food  
read food  
if [ $food = biriyani ]  
then echo "$food is my favorite food"  
elif [ $food = shawarma ]  
then echo "$food is my second favorite food"  
elif [ $food = mandhi ]  
then echo "$food is also my favorite"  
else echo "$food is not my favorite"  
fi  
fi
```

[Read 11 lines]

^G Get Help ^O Write Out ^W Where Is ^K Cut Text ^J Justify ^C Cur Pos M-U Undo M-A Mark Text
^X Exit ^R Read File ^\ Replace ^U Paste Text ^T To Spell ^_ Go To Line M-E Redo M-6 Copy Text

New user add

```
aslam@DESKTOP-9GCAA76: ~
tss:x:106:111:TPM software stack,,,:/var/lib/tpm:/bin/false
uidd:x:107:112::/run/uidd:/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
labeeb:x:1000:1000:,,,:/home/labeeb:/bin/bash
user1:x:1001:1001:,,,:/home/user1:/bin/bash
user2:x:1002:1002:,,,:/home/user2:/bin/bash
user3:x:1003:1003:,,,:/home/user3:/bin/bash
user4:x:1004:1004:,,,:/home/user4:/bin/bash
dnsmasq:x:112:65534:dnsmasq,,,:/var/lib/misc:/usr/sbin/nologin
timjag:x:1005:1005:,,,:/home/timjag:/bin/bash
hari:x:1006:1006:,,,:/home/hari:/bin/bash
akhil:x:1007:1008:,,,:/home/akhil:/bin/bash
zing1:x:1008:1009:,,,:/home/zing1:/bin/bash
zing2:x:1009:1010:,,,:/home/zing2:/bin/bash
hash1:x:1010:1011:,,,:/home/hash1:/bin/bash
hash2:x:1011:1012:,,,:/home/hash2:/bin/bash
labeeb@DESKTOP-9GCAA76:~/trainee$ sudo adduser aslam
[sudo] password for labeeb:
Adding user `aslam' ...
Adding new group `aslam' (1013) ...
Adding new user `aslam' (1012) with group `aslam' ...
Creating home directory `/home/aslam' ...
Copying files from `/etc/skel' ...
New password:
Retype new password:
passwd: password updated successfully
Changing the user information for aslam
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] y
labeeb@DESKTOP-9GCAA76:~/trainee$ su aslam
Password:
aslam@DESKTOP-9GCAA76:/home/labeeb/trainee$ ls
akhil.txt  hello.sh  hello.sh.save  myfile  myfile.sh  myinfo.txt  nikhil.txt  shell.txt  train.sh  trainee.
aslam@DESKTOP-9GCAA76:/home/labeeb/trainee$ cd
aslam@DESKTOP-9GCAA76:~$ ls
aslam@DESKTOP-9GCAA76:~$
```



```
labeeb@DESKTOP-9GCAA76: ~/trainee
labeeb@DESKTOP-9GCAA76:~/trainee$ 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
ss:x:106:111:TPM software stack,,,:/var/lib/tpm:/bin/false
uiddd:x:107:112::/run/uiddd:/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
labeeb:x:1000:1000:,,,:/home/labeeb:/bin/bash
user1:x:1001:1001:,,,:/home/user1:/bin/bash
user2:x:1002:1002:,,,:/home/user2:/bin/bash
user3:x:1003:1003:,,,:/home/user3:/bin/bash
user4:x:1004:1004:,,,:/home/user4:/bin/bash
dnsmasq:x:112:65534:dnsmasq,,,:/var/lib/misc:/usr/sbin/nologin
timjag:x:1005:1005:,,,:/home/timjag:/bin/bash
hari:x:1006:1006:,,,:/home/hari:/bin/bash
akhil:x:1007:1008:,,,:/home/akhil:/bin/bash
zing1:x:1008:1009:,,,:/home/zing1:/bin/bash
zing2:x:1009:1010:,,,:/home/zing2:/bin/bash
hash1:x:1010:1011:,,,:/home/hash1:/bin/bash
hash2:x:1011:1012:,,,:/home/hash2:/bin/bash
```


Creating a role

labeeb@DESKTOP-9GCAA76: ~/aslam

labeeb@DESKTOP-9GCAA76:~\$ ls

```
Hashmum      evenOrOdd.sh  friends.sh    if.sh          listInsidedic.yml  myfunction.sh  odd.sh        read.sh
work_20122021
Zing          fibnacci.sh  funcwitharg.sh  labeeb_playbook  mulOf5.sh          myinfo.sh      odd1.sh       starPrint1.sh  xyz_playbook
abcImpex      food.sh      hello.txt      labeebrole      mycommands.sh      myinfo_inpt.sh  ood1.sh       test.yml
demo_if_else.sh  forexmp.sh  helloscript.sh  labi            myfilewithvars.sh  'odd(15-25).sh'  prime.sh      trainee
```

labeeb@DESKTOP-9GCAA76:~\$ ansible-galaxy init --force --offline aslam
Role aslam was created successfully

labeeb@DESKTOP-9GCAA76:~\$ ls

```
Hashmum      demo_if_else.sh  forexmp.sh    helloscript.sh  labi                myfilewithvars.sh  'odd(15-25).sh'  prime.sh
trainee
Zing          evenOrOdd.sh     friends.sh     if.sh            listInsidedic.yml  myfunction.sh       odd.sh            read.sh
work_20122021
abcImpex      fibnacci.sh      funcwitharg.sh  labeeb_playbook  mulOf5.sh          myinfo.sh           odd1.sh           starPrint1.sh  xyz_playbook
aslam         food.sh          hello.txt      labeebrole      mycommands.sh      myinfo_inpt.sh      ood1.sh           test.yml
```

labeeb@DESKTOP-9GCAA76:~\$ cd aslam

labeeb@DESKTOP-9GCAA76:~/aslam\$ tree

```
— README.md
— defaults
  └─ main.yml
— files
— handlers
  └─ main.yml
— meta
  └─ main.yml
— tasks
  └─ main.yml
— templates
— tests
  └─ inventory
    └─ test.yml
— vars
  └─ main.yml
```

directories, 8 files

labeeb@DESKTOP-9GCAA76:~/aslam\$

Ansible example yaml file

```
labeeb@DESKTOP-9GCAA76: ~$ ansible --version
ansible [core 2.11.7]
  config file = /etc/ansible/ansible.cfg
  configured module search path = ['/home/labeeb/.ansible/plugins/modules', '/usr/share/ansible/plugins/modules']
  ansible python module location = /usr/lib/python3/dist-packages/ansible
  ansible collection location = /home/labeeb/.ansible/collections:/usr/share/ansible/collections
  executable location = /usr/bin/ansible
  python version = 3.8.10 (default, Jun  2 2021, 10:49:15) [GCC 9.4.0]
  jinja version = 2.10.1
  libyaml = True
labeeb@DESKTOP-9GCAA76:~$ ansible all -m setup
[WARNING]: provided hosts list is empty, only localhost is available. Note that the implicit localhost does not match 'all'
labeeb@DESKTOP-9GCAA76:~$ ls
Hashmum          evenOrOdd.sh    friends.sh      if.sh           listInsidedic.yml  myfunction.sh    odd.sh          read.sh
work_20122021
Zing             fibnacci.sh     funcwitharg.sh  labeeb_playbook  mulOf5.sh          myinfo.sh        odd1.sh        starPrint1.sh  xyz_playbook
abcImpex         food.sh         hello.txt       labeebrole      mycommands.sh      myinfo_inpt.sh   ood1.sh        test.yml
demo_if_else.sh  forexmp.sh     helloscript.sh  labi            myfilewithvars.sh  'odd(15-25).sh'  prime.sh      trainee
labeeb@DESKTOP-9GCAA76:~$ nano test.yaml
labeeb@DESKTOP-9GCAA76:~$ cat test.yaml
---
james:
  name: james
  rollNo: 31
  div: A
  sex: male
...
labeeb@DESKTOP-9GCAA76:~$ cat listInsidedic.yml
---
james:
  name: james
  rollNo: 31
  div: A
  sex: male
  like:
    -maths
    -physics
    -english
...
labeeb@DESKTOP-9GCAA76:~$
```