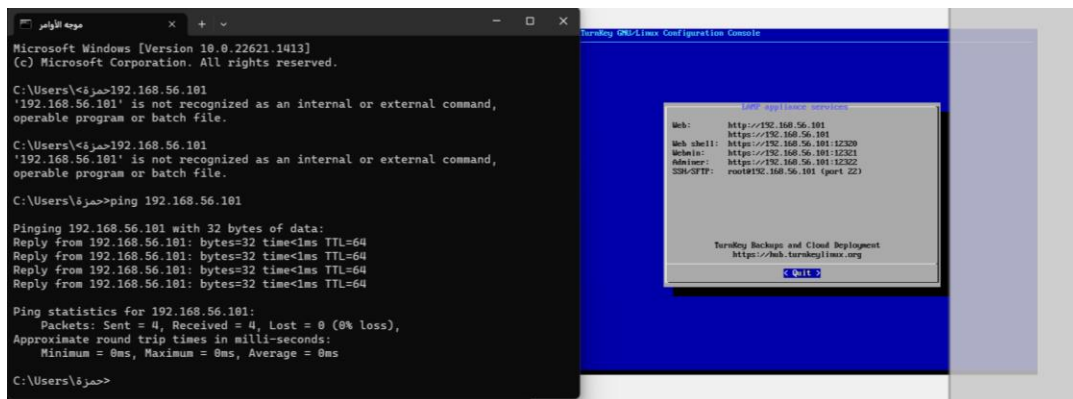


Name : Anas hamza

ID: 1937572

lab:1



```
End of Banner message from server
root@192.168.56.101's password:
Welcome to Lamp, TurnKey GNU/Linux 16.0 (Debian 10/Buster)

System information for Sat Mar 25 21:30:51 2023 - +03 (UTC+0300)

System load: 0.08      Memory usage: 42.2%
Processes: 95         Swap usage: 0.0%
Usage of /: 13.9% of 16.61GB  IP address for eth0: 192.168.56.101

For Advanced commandline config run:  confconsole

For more info see: https://www.turnkeylinux.org/docs/confconsole

Linux lamp 4.19.0-8-amd64 #1 SMP Debian 4.19.98-1+deb10u1 (2020-04-27) x86_64
Last login: Sat Mar 6 08:02:10 2021
root@lamp ~# g++ add.c -o add
add.c:2:10: fatal error: studio.h: No such file or directory
#include <studio.h>
         ^~~~~~
compilation terminated.
root@lamp ~#
```

This image shows a close-up of the Windows taskbar. On the left is the Start button. To its right are several taskbar icons, including a green icon with a white 'W' and a red icon. On the far right is the system tray, which contains the date and time: '11/11/2023 11:11 AM'.

```

root@lamp ~# adduser anas
Adding user `anas' ...
Adding new group `anas' (1000) ...
Adding new user `anas' (1000) with group `anas' ...
Creating home directory `/home/anas' ...
Copying files from `/etc/skel' ...
New password:
Retype new password:
passwd: password updated successfully
Changing the user information for anas
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
root@lamp ~# █

```

T1

```

anas@lamp:/home/anas
# Using sshpass "anas".
# anas@192.168.56.101's password:
Welcome to Lamp, TurnKey GNU/Linux 16.0 (Debian 10/Buster)

System information for Sat Mar 25 23:17:33 2023 - +03 (UTC+0300)

System load: 0.00      Memory usage: 43.7%
Processes: 98         Swap usage: 0.0%
Usage of /: 13.94 of 16.61GB  IP address for eth0: 192.168.56.101

For Advanced commandline config run:  confconsole
For more info see: https://www.turnkeylinux.org/docs/confconsole

Linux lamp 4.19.0-8-amd64 #1 SMP Debian 4.19.90-1+deb10u1 (2020-04-27) x86_64
Last login: Sat Mar 25 23:16:31 2023 from 192.168.56.1
anas@lamp ~$ ls
add.c
anas@lamp ~$ ls -a
. .bash_history .bashrc .env .profile.d .ssh
. .bash_logout .bashrc.d .profile .sdirc add.c
anas@lamp ~$ mkdir unixstuff
anas@lamp ~$ ls
add.c unixstuff
anas@lamp ~$ cd unixstuff
anas@lamp ~/unixstuff$ ls
anas@lamp ~/unixstuff$ mkdir backups
anas@lamp ~/unixstuff$ ls
backups
anas@lamp ~/unixstuff$ ls -a
. . Backups
anas@lamp ~/unixstuff$ cd .
anas@lamp ~/unixstuff$ cd ..
anas@lamp ~$ pwd
/home/anas
anas@lamp ~$ ls unixstuff
backups
anas@lamp ~$ ls backups
ls: cannot access 'backups': No such file or directory
anas@lamp ~$ ls unixstuff/backups
anas@lamp ~$ ls ~/unixstuff
backups
anas@lamp ~$ ls ~
add.c unixstuff

```

```

anas@lamp: /home/anas

anas@lamp ~/unixstuff$ cd
anas@lamp ~$ ls ~/..
anas
anas@lamp ~$ █

```

T2

## Ex2a

```
anas@lamp: /home/anas/unixstuff
anas@lamp ~$ cd ~/unixstuff
anas@lamp ~/unixstuff$ mkdir vol
anas@lamp ~/unixstuff$ cd vol
anas@lamp ~/unixstuff/vol$ mkdir examples
anas@lamp ~/unixstuff/vol$ cd examples
anas@lamp ~/.../vol/examples$ mkdir tutorial
anas@lamp ~/.../vol/examples$ cd tutorial
anas@lamp ~/.../examples/tutorial$ touch science.txt
anas@lamp ~/.../examples/tutorial$ cp /home/anas/vol/examples/tutorial/science.txt .
cp: cannot stat '/home/anas/vol/examples/tutorial/science.txt': No such file or directory
anas@lamp ~/.../examples/tutorial$ cp /home/anas/unixstuff/vol/examples/tutorial/science.txt .
cp: cannot stat '/home/anas/unixstuff/vol/examples/tutorial/science.txt': No such file or directory
anas@lamp ~/.../examples/tutorial$ cp /home/anas/unixstuff/vol/examples/tutorial/science.txt .
cp: '/home/anas/unixstuff/vol/examples/tutorial/science.txt' and './science.txt' are the same file
anas@lamp ~/.../examples/tutorial$ ls
science.txt
anas@lamp ~/.../examples/tutorial$ cd
anas@lamp ~$ cd unixstuff
anas@lamp ~/unixstuff$ cp /home/anas/unixstuff/vol/examples/tutorial/science.txt
.
anas@lamp ~/unixstuff$ ls
backups  science.txt  vol
```

```
anas@lamp: /home/anas/unixstuff
anas@lamp ~$ cd unixstuff
anas@lamp ~/unixstuff$ touch science.bak
anas@lamp ~/unixstuff$ ls
backups  science.bak  science.txt  vol
anas@lamp ~/unixstuff$ cp /home/anas/unixstuff/science.txt science.bak
cp: target 'science.bak' is not a directory
anas@lamp ~/unixstuff$ cd ~/unixstuff
anas@lamp ~/unixstuff$ cp /home/anas/unixstuff/vol/examples/tutorial/science.txt science.bak
anas@lamp ~/unixstuff$
```

## Ex2b

```
anas@lamp ~/unixstuff$ cd
anas@lamp ~$ mkdir tempstuff
-bash: mkdir: command not found
anas@lamp ~$ mkdir tempstuff
anas@lamp ~$ ls
add.c  tempstuff  unixstuff
anas@lamp ~$ rmdir tempstuff
anas@lamp ~$ ls
add.c  unixstuff
anas@lamp ~$
```