

Part1:

```
C:\Users\bandf>ping 192.168.56.102

Pinging 192.168.56.102 with 32 bytes of data:
Reply from 192.168.56.102: bytes=32 time<1ms TTL=64
Reply from 192.168.56.102: bytes=32 time<1ms TTL=64
Reply from 192.168.56.102: bytes=32 time<1ms TTL=64
Reply from 192.168.56.102: bytes=32 time<1ms TTL=64

Ping statistics for 192.168.56.102:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 0ms, Average = 0ms
```

add the add.c file and run it

```
bander@lamp ~$ g++ add.c -o add
add.c:2:10: fatal error: studio.h: No such file or directory
   #include <studio.h>
           ^~~~~~
compilation terminated.
bander@lamp ~$ g++ add.c -o add
add.c:3:33: error: '::main' must return 'int'
   void main(int argc, char *argv[]) {
                                   ^
```

```
bander@lamp ~$ gcc add.c -o add
bander@lamp ~$ ls
add  add.c
bander@lamp ~$ ./add 1076 764
a,b = 1181136917 1181136922
c = 1840
bander@lamp ~$
```

Bander Saeed ALSULAMI 1935181

Adding a new user called bander

```
root@lamp ~# adduser bander
Adding user `bander' ...
Adding new group `bander' (1000) ...
Adding new user `bander' (1000) with group `bander' ...
Creating home directory `/home/bander' ...
Copying files from `/etc/skel' ...
New password:
Retype new password:
passwd: password updated successfully
Changing the user information for bander
Enter the new value, or press ENTER for the default
    Full Name []: bander saeed alsolami
    Room Number []: 1
    Work Phone []: 0565159317
    Home Phone []: 0580200932
    Other []:
Is the information correct? [Y/n] Y
```

Login by the new username and password

```
login as: bander
bander@192.168.56.102's password:
Welcome to Lamp, TurnKey GNU/Linux 16.0 (Debian 10/Buster)

System information for Sun Mar 26 00:21:34 2023 - +03 (UTC+0300)

System load: 0.00      Memory usage: 43.3%
Processes: 97         Swap usage: 0.0%
Usage of /: 13.9% of 16.61GB  IP address for eth0: 192.168.56.102

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
bander@lamp ~$
```

Part2:

#### Tutorial one

```
bander@lamp ~$ mkdir unixstuff
bander@lamp ~$ ls
add  add.c  unixstuff
bander@lamp ~$ cd  unixstuff
bander@lamp ~/unixstuff$ mkdir backups
bander@lamp ~/unixstuff$ cd backups
bander@lamp ~/unixstuff/backups$ pwd
/home/bander/unixstuff/backups
bander@lamp ~/unixstuff/backups$
```

#### Tutorial two

Copy a file called science.txt

```
bander@lamp ~/unixstuff$ cp /home/bnader/vol/examples/tutorial/science.txt .
```

```
bander@lamp ~/unixstuff$ ls
backups  science.txt
bander@lamp ~/unixstuff$
```

```
bander@lamp ~/unixstuff$ cd
bander@lamp ~$ mkdir
mkdir: missing operand
Try 'mkdir --help' for more information.
bander@lamp ~$ mkdir
mkdir: missing operand
Try 'mkdir --help' for more information.
bander@lamp ~$ mkdir tempsuff
bander@lamp ~$ ls
add  add.c  tempsuff  unixstuff
bander@lamp ~$ rmdir tempsuff
bander@lamp ~$ ls
add  add.c  unixstuff
bander@lamp ~$
```

Figure :make a file called a tempsuff then remove it