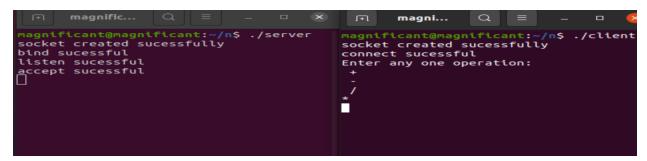**OUTPUT (Left Screen is Server Side, Right Screen is Client Side)**

Firstly, we compile the c program using the following :

Then we run the server by using ./server command

Then we run the client by suing ./client command

Here the server sends the output according to the user information entered :

```
magnificant@magnificant:~/n$ ./server
socket created sucessfully
bind sucessful
listen sucessful
accept sucessful
Result is: 4 + 5 = 9
magnificant@magnificant:~/n$ ./server
socket created sucessfully
bind sucessful
listen sucessful
accept sucessful
Result is: 10 - 6 = 4
magnificant@magnificant:~/n$ □
```

```
Enter any one operation:
 +
 -
 /
 *
 +

Enter operands:
4
5
Operation result from server=9
magnificant@magnificant:~/n$ ./client
socket created sucessfully
connect sucessful
Enter any one operation:
 +
 -
 /
 *
 -

Enter operands:
10
6
Operation result from server=4
magnificant@magnificant:~/n$ □
```

```
magnificant@magnificant:~/n$ ./server
socket created sucessfully
bind sucessful
listen sucessful
accept sucessful
Result is: 4 * 3 = 12
magnificant@magnificant:~/n$ □
```

```
magnificant@magnificant:~/n$ ./client
socket created sucessfully
connect sucessful
Enter operation:
 +
 -
 /
 *
 *
Enter operands]:
4
3
Operation result from server=12
magnificant@magnificant:~/n$ □
```

```
magnificant@magnificant:~/n$ ./server
socket created sucessfully
bind sucessful
listen sucessful
accept sucessful
Result is: 4 / 2 = 2
magnificant@magnificant:~/n$ □
```

```
magnificant@magnificant:~/n$ ./client
socket created sucessfully
connect sucessful
Enter operation:
 +
 -
 /
 *
 /
Enter operands]:
4
2
Operation result from server=2
magnificant@magnificant:~/n$ □
```