To run both the client-server programs on VS code, see below:

Single Process Server:

Output:

Server:

```
PROBLEMS OUTPUT TERMINAL DEBUG CONSOLE

○ rahulbarodia@Rahuls-MacBook-Air Lab2 % python3 server1.py

Socket is listening..
```

Client:



As we can see from the above images that when a 2nd client tries to access the server, the connection is refused. Thus server1 can handle only a single client at a time.

Multiprocess Server:

Output:

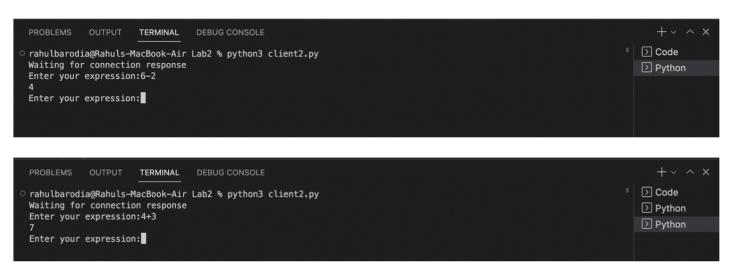
Server:

```
PROBLEMS OUTPUT TERMINAL DEBUG CONSOLE

○ rahulbarodia@Rahuls-MacBook-Air Lab2 % python3 server2.py

Socket is listening..
```

Client:



As we can see from the above images, server2 allows multiple clients to access at the same time. The above example shows two clients accessing server2 and getting the correct response.