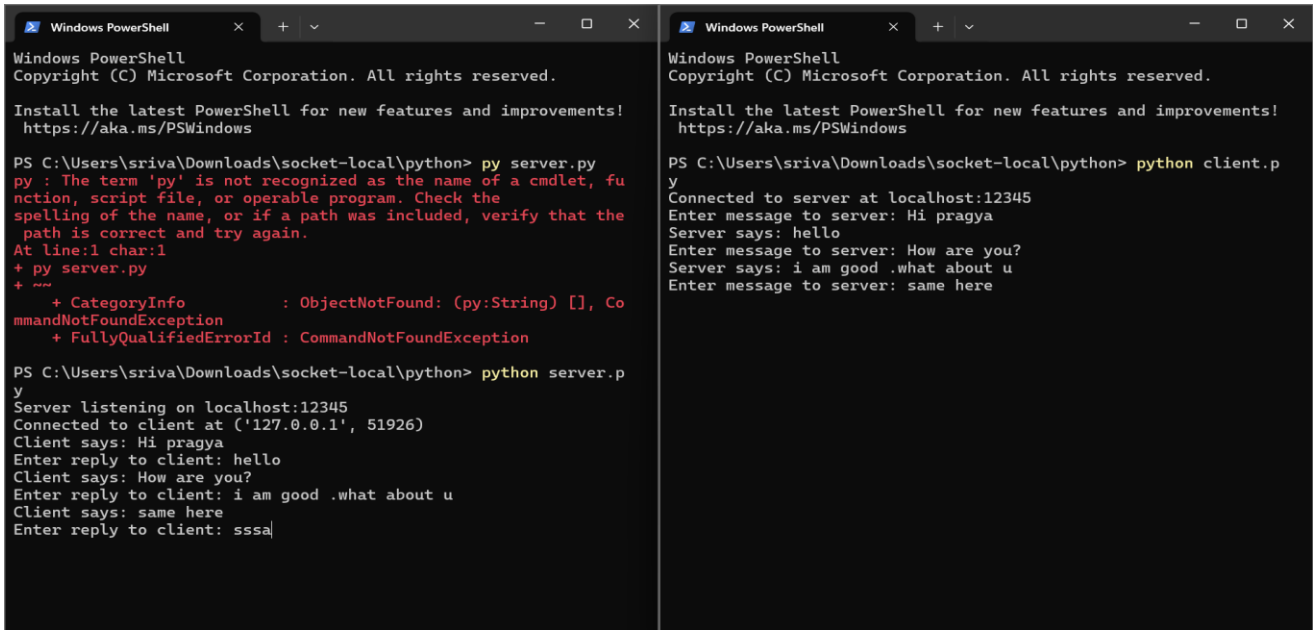
**Name -Srestha Pragya Shrivastava**

**Regd number-2141019301**

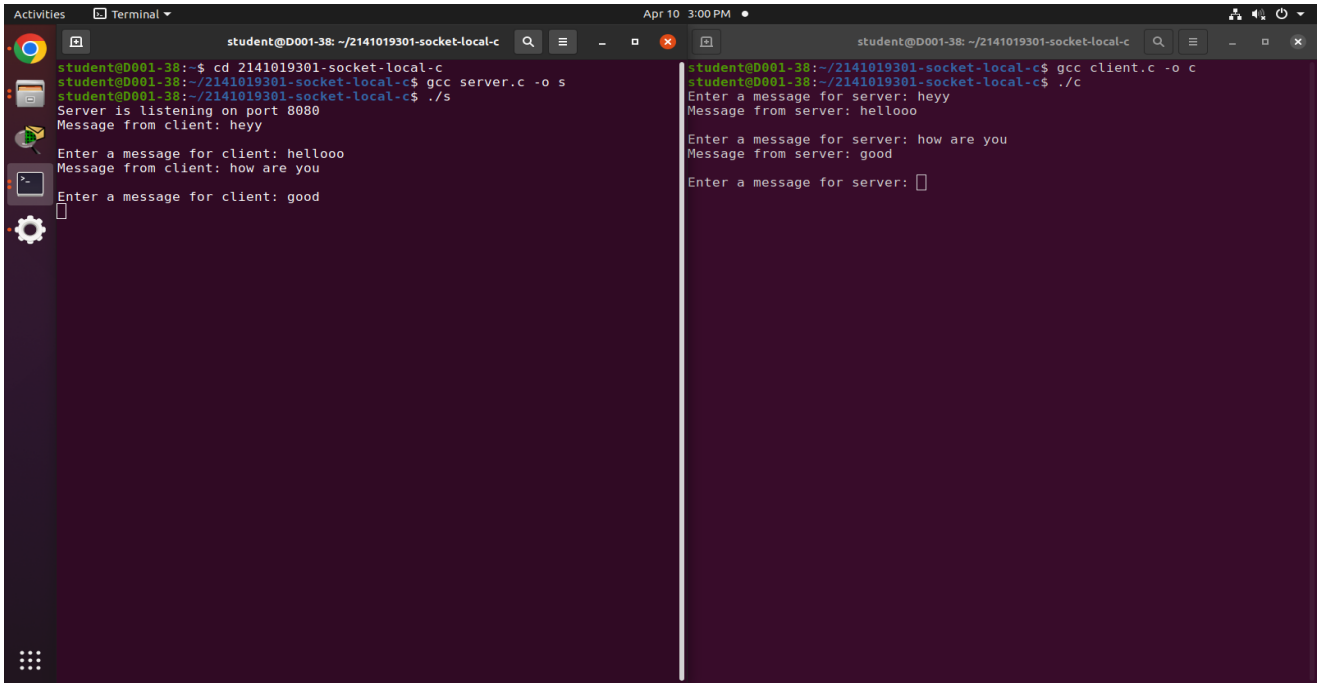
# Capstone-4

## Socket-Local

## Python

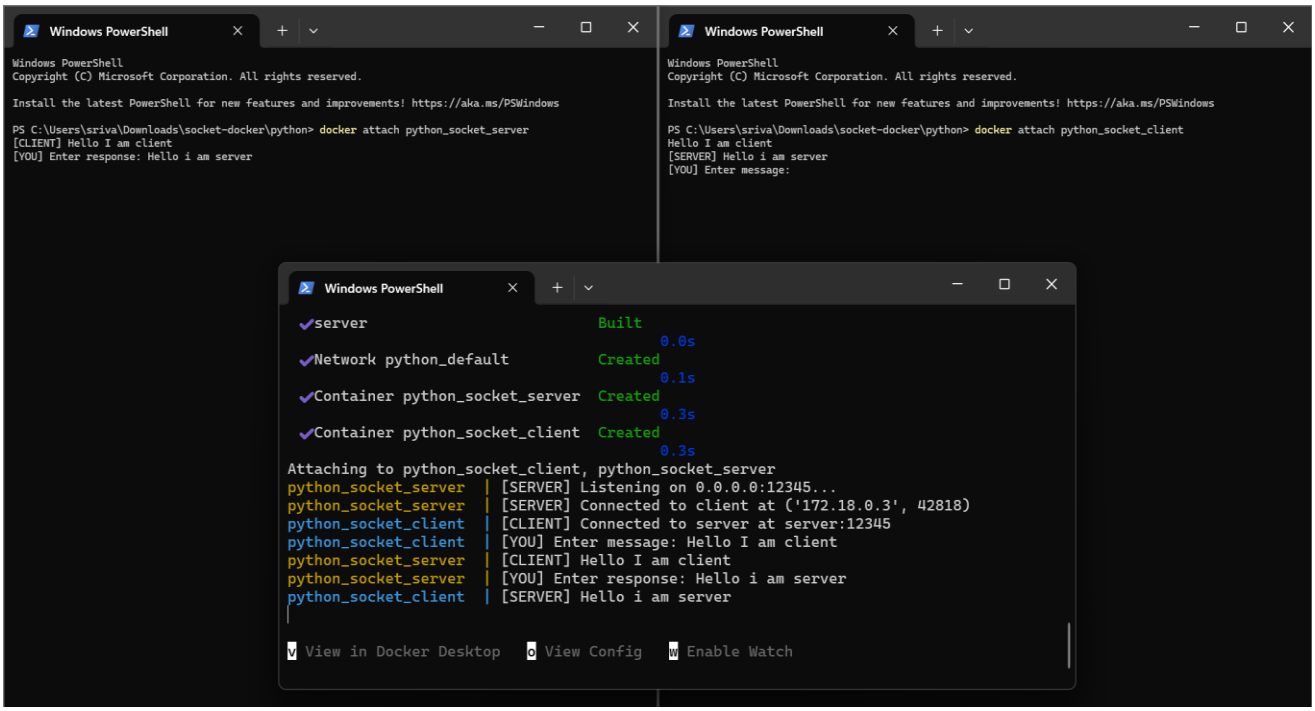



## C

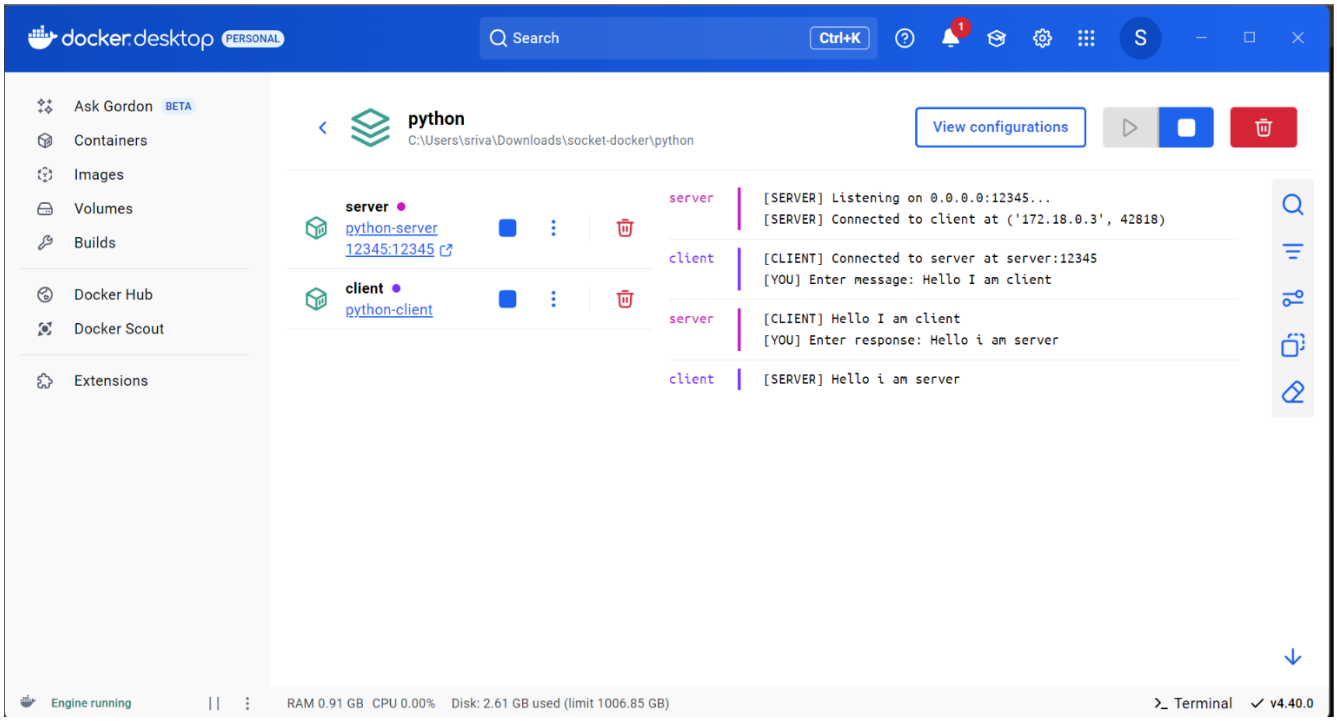


# Socket-Docker

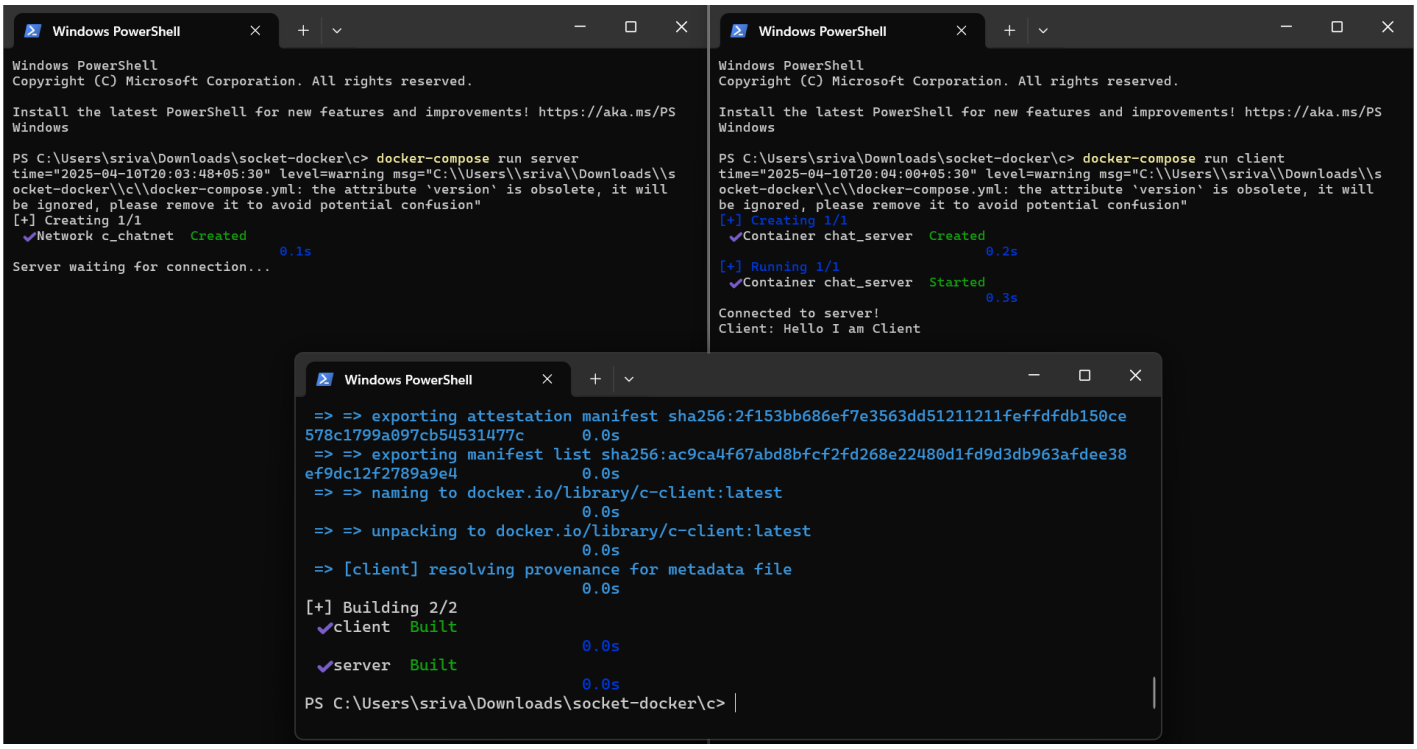
# Python



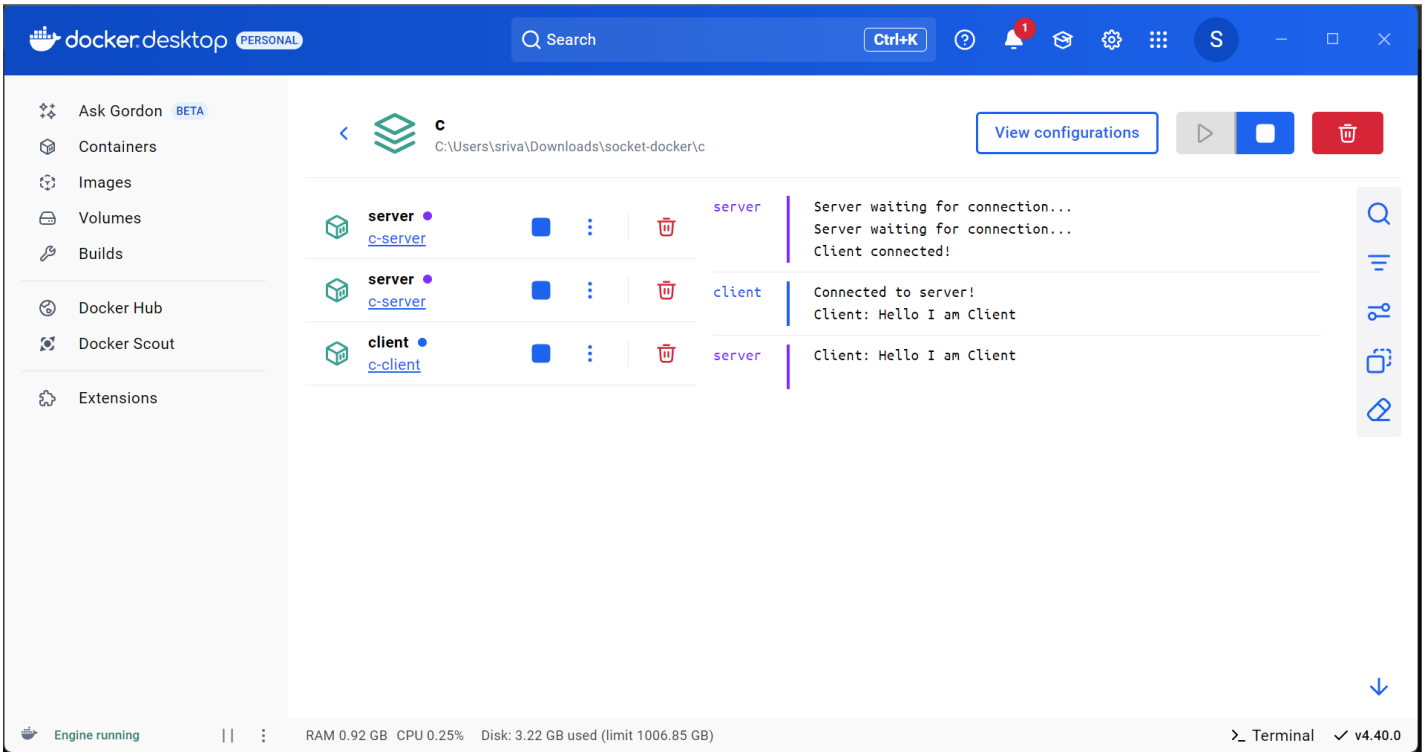

# Docker



# C


Windows PowerShell
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.
Install the latest PowerShell for new features and improvements! https://aka.ms/PS Windows
PS C:\Users\sriva\Downloads\socket-docker\c> docker-compose run server
time="2025-04-10T20:03:48+05:30" level=warning msg="C:\\Users\\sriva\\Downloads\\socket-docker\\c\\docker-compose.yml: the attribute `version` is obsolete, it will be ignored, please remove it to avoid potential confusion"
[+] Creating 1/1
✔Network c_chatnet Created 0.1s
Server waiting for connection...
Windows PowerShell
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.
Install the latest PowerShell for new features and improvements! https://aka.ms/PS Windows
PS C:\Users\sriva\Downloads\socket-docker\c> docker-compose run client
time="2025-04-10T20:04:00+05:30" level=warning msg="C:\\Users\\sriva\\Downloads\\socket-docker\\c\\docker-compose.yml: the attribute `version` is obsolete, it will be ignored, please remove it to avoid potential confusion"
[+] Creating 1/1
✔Container chat_server Created 0.2s
[+] Running 1/1
✔Container chat_server Started 0.3s
Connected to server!
Client: Hello I am Client
Windows PowerShell
=> => exporting attestation manifest sha256:2f153bb686ef7e3563dd51211211feffdfdb150ce578c1799a097cb54531477c 0.0s
=> => exporting manifest list sha256:ac9ca4f67abd8bfcf2fd268e22480d1fd9d3db963afdee38ef9dc12f2789a9e4 0.0s
=> => naming to docker.io/library/c-client:latest 0.0s
=> => unpacking to docker.io/library/c-client:latest 0.0s
=> [client] resolving provenance for metadata file 0.0s
[+] Building 2/2
✔client Built 0.0s
✔server Built 0.0s
PS C:\Users\sriva\Downloads\socket-docker\c>

# Docker


docker desktop PERSONAL
Search Ctrl+K
Ask Gordon BETA
Containers
Images
Volumes
Builds
Docker Hub
Docker Scout
Extensions
C
C:\Users\sriva\Downloads\socket-docker\c
View configurations
server
c-server
server
c-server
client
c-client
server
Server waiting for connection...
Server waiting for connection...
Client connected!
client
Connected to server!
Client: Hello I am Client
server
Client: Hello I am Client
Engine running
RAM 0.92 GB CPU 0.25% Disk: 3.22 GB used (limit 1006.85 GB)
Terminal
v4.40.0