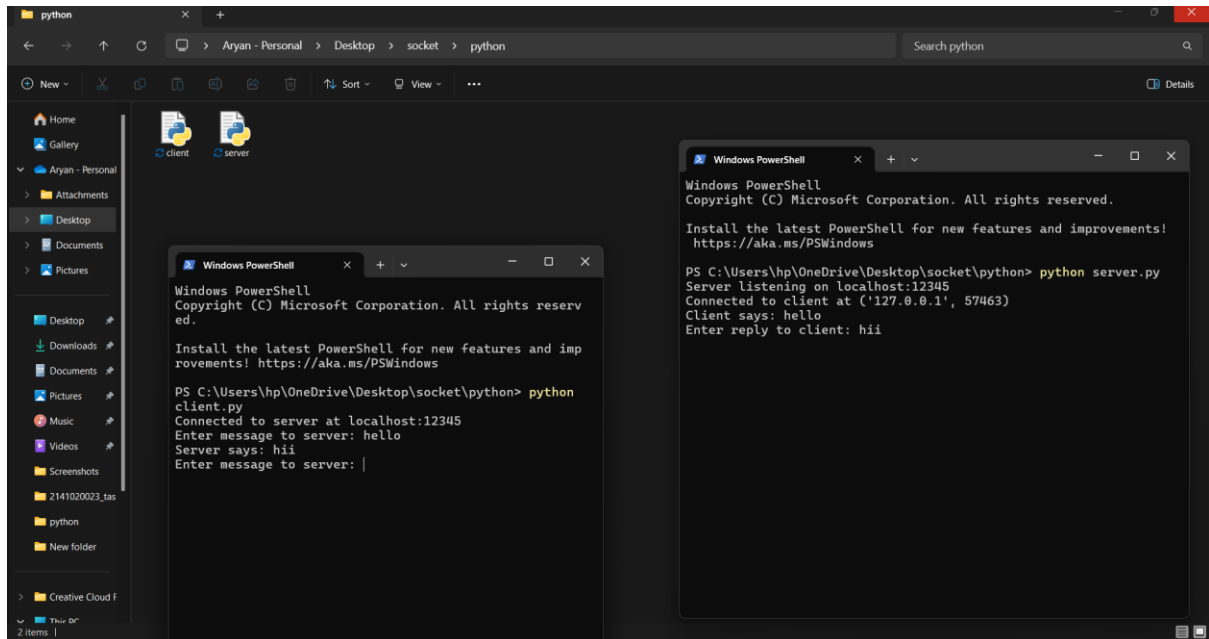
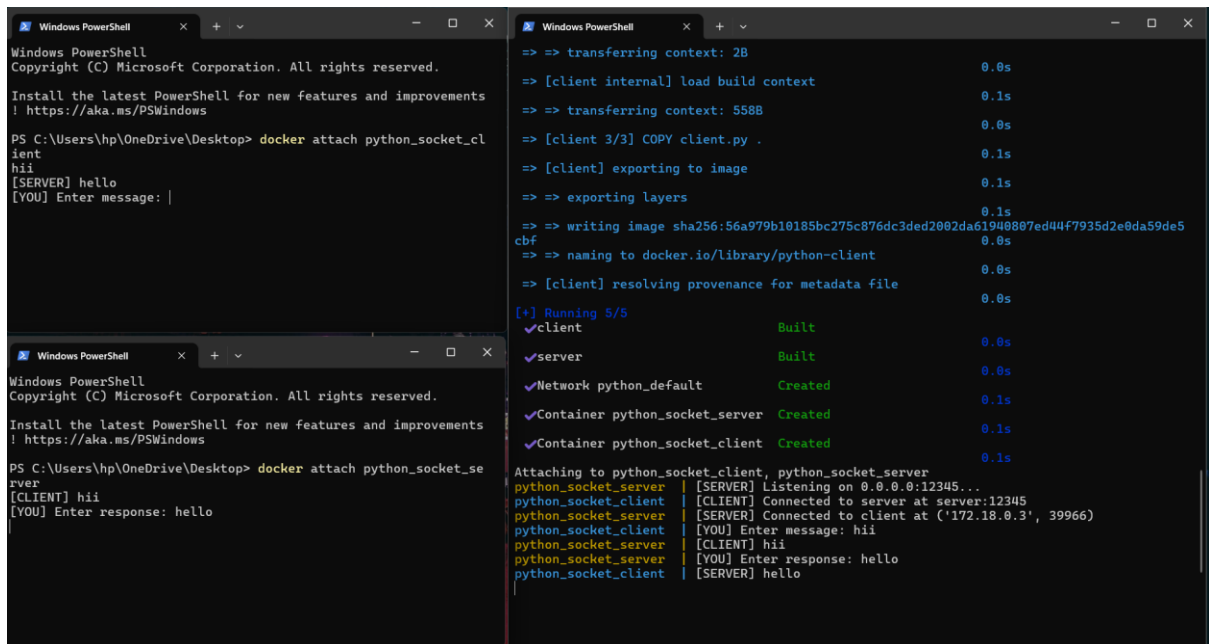


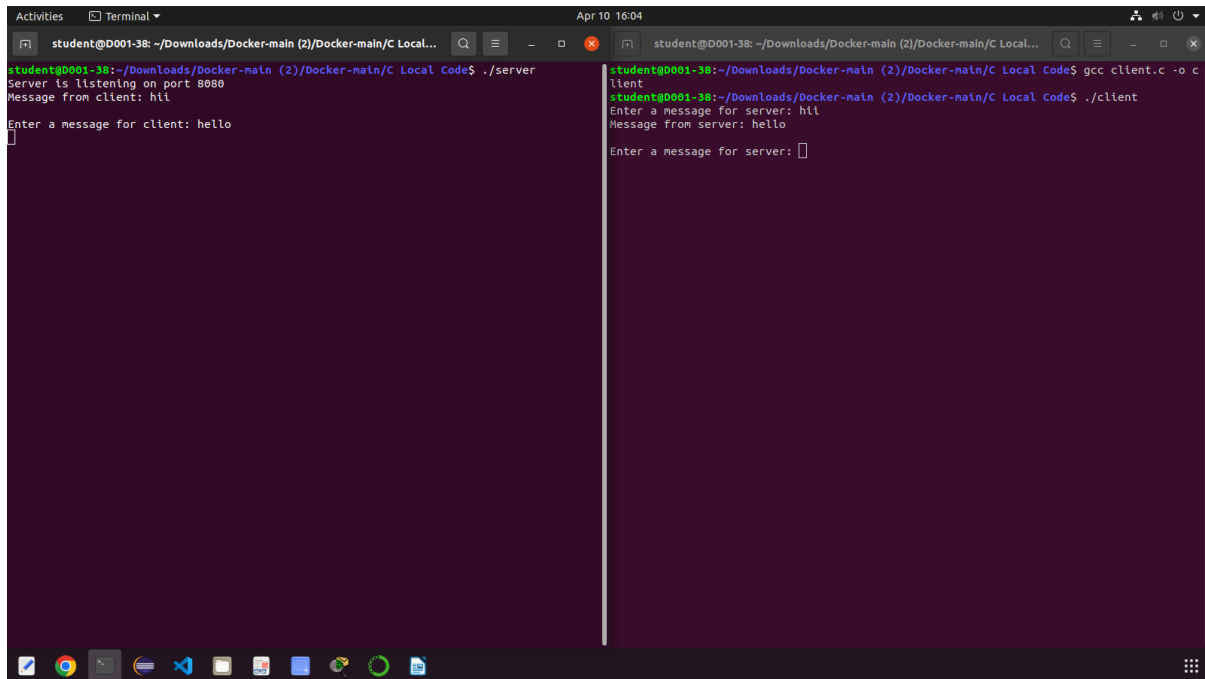
Socket-Local/Python:-



Socket-Docker/Python:-



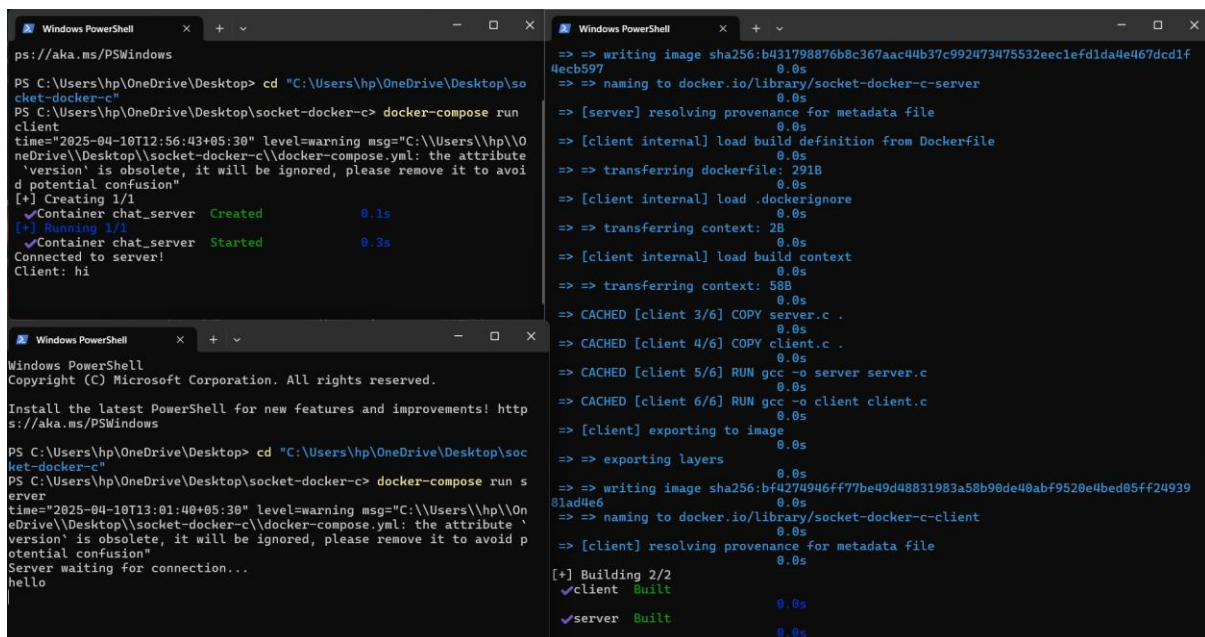
Socket-Local/C:-



```
student@D001-38: ~/Downloads/Docker-main (2)/Docker-main/C Local Code$ ./server
Server is listening on port 8080
Message from client: hi!
Enter a message for client: hello

student@D001-38: ~/Downloads/Docker-main (2)/Docker-main/C Local Code$ gcc client.c -o client
student@D001-38: ~/Downloads/Docker-main (2)/Docker-main/C Local Code$ ./client
Enter a message for server: hi!
Message from server: hello
Enter a message for server: 
```

Socket-Docker/C:-



```
PS C:\Users\hp\OneDrive\Desktop> cd "C:\Users\hp\OneDrive\Desktop\socket-docker-c"
PS C:\Users\hp\OneDrive\Desktop\socket-docker-c> docker-compose run client
time="2025-04-10T12:56:43+05:30" level=warning msg="C:\Users\hp\OneDrive\Desktop\socket-docker-c\docker-compose.yml: the attribute 'version' is obsolete, it will be ignored, please remove it to avoid potential confusion"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 0.1s
[+] Running 1/1
  Container chat_server Started 0.3s
Connected to server!
Client: hi

PS C:\Users\hp\OneDrive\Desktop\socket-docker-c> docker-compose run server
time="2025-04-10T13:01:40+05:30" level=warning msg="C:\Users\hp\OneDrive\Desktop\socket-docker-c\docker-compose.yml: the attribute 'version' is obsolete, it will be ignored, please remove it to avoid potential confusion"
Server waiting for connection...
hello

PS C:\Users\hp\OneDrive\Desktop\socket-docker-c> docker-compose build
=> writing image sha256:b431798876b8c367aac44b37c992473475532eecdfe9d1da4e467dcd1f4ecb597 0.0s
=> naming to docker.io/library/socket-docker-c-server 0.0s
=> [server] resolving provenance for metadata file 0.0s
=> [client internal] load build definition from Dockerfile 0.0s
=> transferring dockerfile: 291B 0.0s
=> [client internal] load .dockerignore 0.0s
=> transferring context: 2B 0.0s
=> [client internal] load build context 0.0s
=> transferring context: 58B 0.0s
=> CACHED [client 3/6] COPY server.c . 0.0s
=> CACHED [client 4/6] COPY client.c . 0.0s
=> CACHED [client 5/6] RUN gcc -o server server.c 0.0s
=> CACHED [client 6/6] RUN gcc -o client client.c 0.0s
=> [client] exporting to image 0.0s
=> exporting layers 0.0s
=> writing image sha256:bf4274046ff77be49d48831983a58b90de40abf9520e4bed85ff2493981ad4e6 0.0s
=> naming to docker.io/library/socket-docker-c-client 0.0s
=> [client] resolving provenance for metadata file 0.0s
[+] Building 2/2
  client Built 0.0s
  server Built 0.0s
```

