Entry : 2020CSB1317
Name : Subham Subhasis Sahoo
Q1 :
Commands :
Run server : python server.py
Run client : python client.py

Specify the filename here to send a file to the server :

```python
if __name__ == "__main__":

    client = Client("server.py")
    client.send_file()
```

PS C:\Users\subha\Desktop\Acads\CS304\Assignments\A4\CN-4> cd .\Q1\
PS C:\Users\subha\Desktop\Acads\CS304\Assignments\A4\CN-4\Q1> python .\client.py
==============================
 File sent to server
==============================
PS C:\Users\subha\Desktop\Acads\CS304\Assignments\A4\CN-4\Q1>

PS C:\Users\subha\Desktop\Acads\CS304\Assignments\A4\CN-4\Q1> python .\server.py
==============================
 Server listening on port 8000
==============================

Connection from: ('192.168.31.164', 63821)
Received filename: client_file.txt

==============================
 File received from client
==============================
PS C:\Users\subha\Desktop\Acads\CS304\Assignments\A4\CN-4\Q1>

Ln 38 Col 39   Spaces: 4   UTF-8   LF   {} Python   3.11.2 64-bit   Go Live   Prettier

File received by server :

```
∨ Q1                                            ●
    > .vscode
    ≡ client_file.txt
    🐍 client.py                                 M
    ≡ received_by_server_client_file.txt         U
    🐍 server.py
```

Q2 :
Commands :
Run server : python server.py

Run client : python client-1.py
Please find the report attached
Q3:

Commands :

Run server : gcc server.c -o server.out
                  . /server.out
Run client   : gcc client-1.c -o client.out
                  ./client.out

```
Enter QUIT to quit

=========================================================
 Input : 3 4 -
Client message: client-1:3 4 -
Data sent to the server
Data received from the server:
-1.000000
Connected to server

=========================================================
Enter Postfix Expression

Enter QUIT to quit

=========================================================
 Input :
```

In server_records.txt

```
Client 1 || Expression :            9 788.986 *  || Answer : 7100.874023 || Time_elapsed : 0.000006 ||
Client 1 || Expression :                  9 8 -  || Answer : 1.000000 || Time_elapsed : 0.000007 ||
Client 1 || Expression :          3456 987654 /  || Answer : 0.003499 || Time_elapsed : 0.000007 ||
Client 1 || Expression :                  3 4 -  || Answer : -1.000000 || Time_elapsed : 0.000010 ||
```