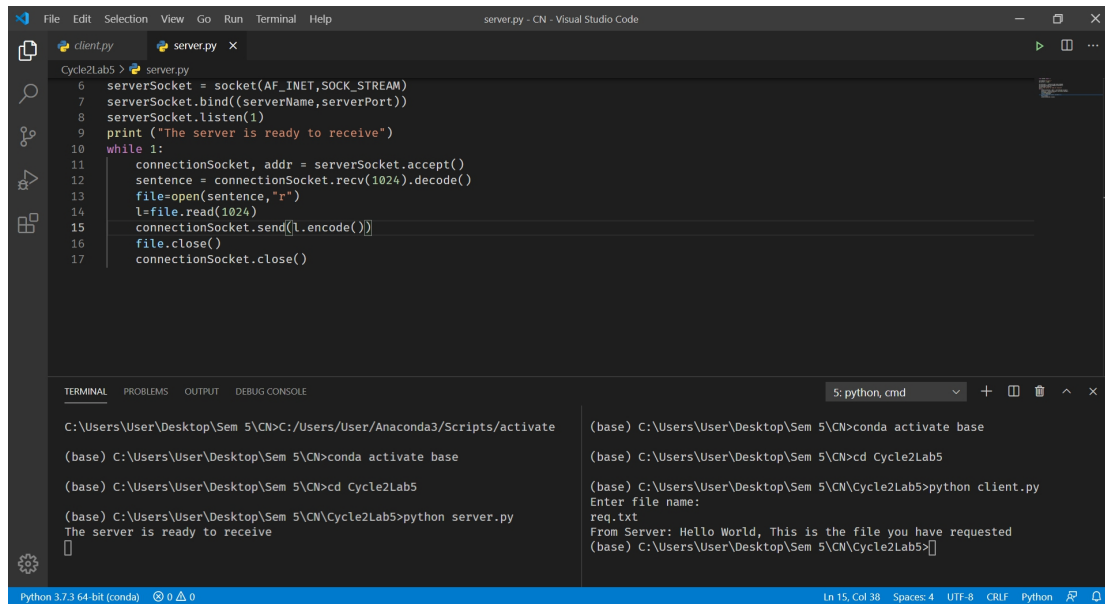


Output



The image shows a Visual Studio Code editor window with two Python files: `client.py` and `server.py`. The `server.py` file contains the following code:

```
6 serverSocket = socket(AF_INET,SOCK_STREAM)
7 serverSocket.bind((serverName,serverPort))
8 serverSocket.listen(1)
9 print ("The server is ready to receive")
10 while 1:
11     connectionSocket, addr = serverSocket.accept()
12     sentence = connectionSocket.recv(1024).decode()
13     file=open(sentence,"r")
14     l=file.read(1024)
15     connectionSocket.send(l.encode())
16     file.close()
17     connectionSocket.close()
```

The terminal window shows the execution of the server and client scripts. The server script is run first, and it prints "The server is ready to receive". Then, the client script is run, and it prompts the user to enter a file name. The user enters "req.txt", and the server responds with "Hello World, This is the file you have requested".

```
C:\Users\User\Desktop\Sem 5\CN>C:/Users/User/Anaconda3/Scripts/activate
(base) C:\Users\User\Desktop\Sem 5\CN>conda activate base
(base) C:\Users\User\Desktop\Sem 5\CN>cd Cycle2Lab5
(base) C:\Users\User\Desktop\Sem 5\CN>python server.py
The server is ready to receive
[]

(base) C:\Users\User\Desktop\Sem 5\CN>python client.py
Enter file name:
req.txt
From Server: Hello World, This is the file you have requested
(base) C:\Users\User\Desktop\Sem 5\CN>
```