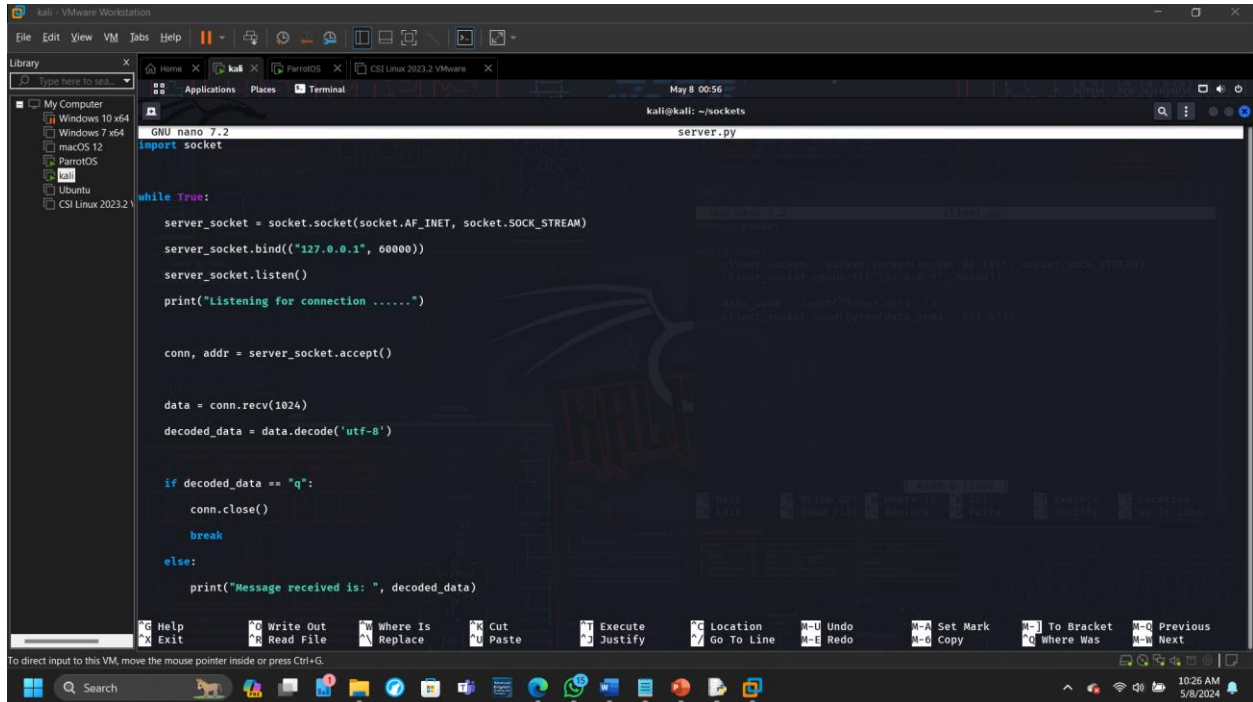


SOCKET PROGRAMMING

Server socket



```
GNU nano 7.2
import socket

while True:

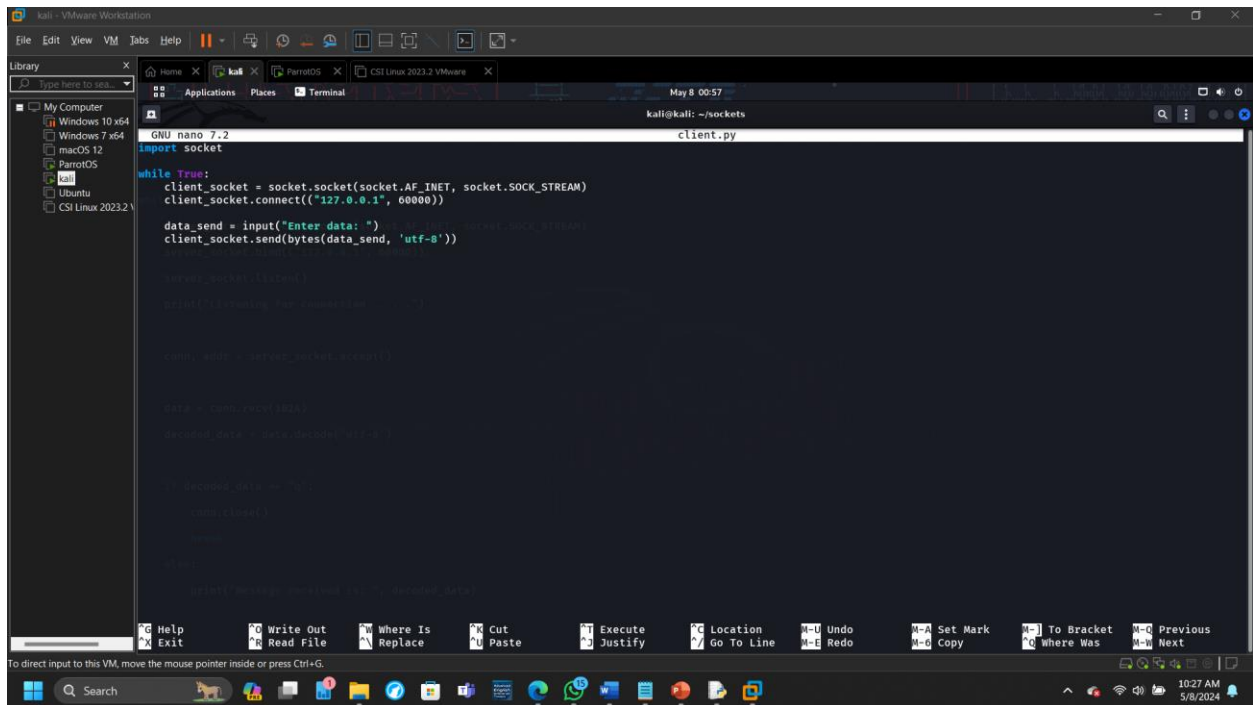
    server_socket = socket.socket(socket.AF_INET, socket.SOCK_STREAM)
    server_socket.bind(("127.0.0.1", 60000))
    server_socket.listen()
    print("Listening for connection .....")

    conn, addr = server_socket.accept()

    data = conn.recv(1024)
    decoded_data = data.decode('utf-8')

    if decoded_data == "q":
        conn.close()
        break
    else:
        print("Message received is: ", decoded_data)
```

Client Socket



```
GNU nano 7.2
import socket

while True:
    client_socket = socket.socket(socket.AF_INET, socket.SOCK_STREAM)
    client_socket.connect(("127.0.0.1", 60000))

    data_send = input("Enter data: ")
    client_socket.send(bytes(data_send, 'utf-8'))
```

