

EXPERIMENT No. 12B Implementation of chat client server  
DATE: 28.9.25 using Tcp/UDP Sockets.

Aim: Implement chat client server using Tcp/UDP Sockets.

Algorithm:

```
import socket  
def start_server(host='127.0.0.1', port=12345):
```

```
    with socket.socket(socket.AF_INET, socket.SOCK_DGRAM) as s:
```

```
        s.bind((host, port))
```

```
        print(f"UDP Server running on {host}:{port}")
```

```
    while True:
```

```
        data, addr = s.recvfrom(1024)
```

```
        print(f"Received message from {addr}: {data.decode('utf-8')}")
```

```
start_server()
```

Result:

The Implementation of chat client server using  
Tcp/UDP Sockets is successfully executed.

*[Signature]*