## UDP Socket Connection -
## UDP server :

```
import socket

sock = socket.socket(socket.AF_INET,socket.SOCK_DGRAM)

udp_host = socket.gethostname()
udp_port = 5000
print ("UDP target IP:", udp_host)
print ("UDP target Port:", udp_port)
sock.bind((udp_host,udp_port))

while True:
data,addr = sock.recvfrom(1024)
print ("Received Messages:",data," from",addr)

if not data:
break
data = input(" -> ")
sock.sendto(data.encode(),addr)
sock.close()
```

## UDP client :

```
import socket

sock = socket.socket(socket.AF_INET,socket.SOCK_DGRAM)

udp_host = socket.gethostname()
udp_port = 5000
print ("UDP target IP:", udp_host)
print ("UDP target Port:", udp_port)
message = input(" -> ")
while message.lower().strip() != 'bye':
sock.sendto(message.encode(),(udp_host,
udp_port)) data,addr = sock.recvfrom(1024)

print ("Received Messages:",data," from",addr)
message = input(" -> ")
sock.close()
```