**Program:- ##server program** import socket s=socket.socket() port=9099

s.bind(('172.16.7.49',port)) s.listen(5)

print("waiting for the client connection...") c,adr=s.accept()

print("Got connection from",adr) c.send("Thanks for connecting...".encode()) while True:

data=c.recv(1024).decode() if (data.count('1')%2==0):

c.send("Accepted".encode()) else:

c.send("Rejected".encode()) break

c.close()

s.close()

##client program

import socket

s = socket.socket() s.connect(('172.16.7.49', 9099))

print("Waiting For Server") while True:

msg = s.recv(1024).decode() print(msg)

#if (msg == "bye"): #break

msg = str(input("Enter The Message: ")) s.send(msg.encode())

break s.close()

**Output:-**



