```
Ex: No: 12
                    Pora dical -12
Date: 28,10.44
Aim
      Implementing echo wient service nasign
JCP/UDP Bookeds.
chent
   import socket
    own teadur
  def pung-server ( host = 127.0.0.1, port = 12345);
  with socket socket | socket . AF-INET,
   Socket. Sock_DGRAH) as S
          s. send to ( "Hello", (host point))
     except s. time out
        paint (" Request timed out")
  4 -- name -- = "main":
            ping. Server ()
Server
      impost socket
     del stant server ( host = 127.0.0.1,
                         post = 12345):
   with socket. rocked ( socket. DF-INET,
                        Socket_ 308, DURAH) AS S!
       S. bind (1 host port))
     print ("UDF server running on short")
  while Toue:
       data addn: s. newform (1024)
        pount of ("Received message")
  1/-- hame __ = " mair_".
           start sement)
```

```
OIP: python meening 14
      UDP server minning on 127.0.0.1: 12345
    Received marriage from (127.0.0.1',59290)
 python client, py
 Received septy from server: Hello, clien
b) Implement that client scores very
 TCP/UPP sockels
   chat serv. py
   impost socket
   def recurer (5)
         bost = 1234 Z
         host = 129.0.0.1
    with socket socket ( 'socket : DF_INET
            SOCK - PROGRAM) AS S:
        S. bind ((host, port))
     while (Toute):
          d: add - som s. ock of man (1024')
         print (" chent",)
         a = "enjut (" Enter Reply")
         s. send to ( a encoded, add)
        4 ( a = = ! end!)
          briant & spine 11
    secral()
receivers. Py
      empost socked
      empost lane
      dy receives (a)
          host = 1949,00 b
```

while (Tous): a = input ("Enter Message") 4 (a == "end"): receiver (0) boneal else: Python . I chat serv. py client ?'hi'? Cherit & Howace you'? Enter neply Im fine · Vnecr.py Enter Mexage hi 2' Hello '3 LALIATED L Enter receages How are you ? " Sam fune " g Enter Message.