WHY WITH VSN: 11BM18CS060 LAB-10 papergrid Socket programming using TCP! Server-py. 1. from socket import & Server Name = 'my -pc' Segver Port = 12001 Server Socket = Socket (AF-INET, SOCK\_STREAM) Server Societ- blind (Cserver Name ; server Port) Server Socket listem (1) Drint ( The server is seady to seeing) ConnectionSocket, adde = SeverSocket.accept()
Sentence = connectionSocket. secv (1024). decold) file = open (Sentence, 'x') l = file-Read (1024) connection Socket send (l. encoder)) file.close () connectionSocket close () Client.py 2. from Socket import & server Name = Imy-pc' server Port = 12004 client Socket = Socket (AF\_INET, SOCK\_STREAM)
client Socket connecte ((server Name, server Port)) sentence - input ("Entar file name")  $\bigcirc$ 

## papergrid Date: / /

Went Socket Send (sentence encode ())

file contents = clientSocket-recy (1024). decode() print ( 'From Server: ), file co news)

client Socket. close ()

Userver-py

while 1:

file. dore ()

2 udient py

Ty

Socket programming using UDP:-

from socket import &

server Port = 12000

server Sochet = 8 ocket (AF\_INET, SOCK\_DGRAM)

print ( sent back to client; 1)

clientSocket = socket (AF-INET, SOCK\_DGRAM)

client Socket sendto (bytes (sentence, "utf-8"), (server Nane,

file contents, serverAddans = clientSocket. Secvfrom (2048)

sentence = input ('Enter file name)

print ( From serves: , file contents)

print ("The server is ready to receive:")

(sile . Read (2048)

from Socket Enipoet &

scaves Port = 12000

client Socket · close ()

server Port)

sesves Name = (127.0.0.1

server Socket. bind (("127.0.0.1", Berver Port))

sentence, client Address = server Socket. 20 v from (2048)

server Socket sendte (bytes (d. "uf-8"), clientAddic