	Dhron Agrawa)
	Computer Network BM1825028
	Socket programming
	Socket programming is a way of connecting two nodes on a
	network to communicate with each other
	One socket (node) listens on a particular port ut units
	while other cocket reaches out to the other to form
	a connection
	Server Client
-	
,	Socket Cocket
	Set Sock Opt
	Bigd
	Lilon
	Send Recv Send / Recv
	1 created the socket
	AFINET CIPV4 protocol)
è	SOCIE STRIAM: TOP
2	Bind()
	bind function binds the socket to the address and
	post number specified in address

Blisten pots the server cocket in pussive mode, whose it waits for the client to approach the server to make connection.

Analls tor. At this point, connection is established between client and sever Sewer from socket import * Selver Nume = "(127.0.01" serverbot = 12000 server Socket = cocket CAF INFT; sock STREAM) serve Soclect bind (Server Nume, server POAD) server Socket losten(1) print ("The server is ready to lister") connection socket, add = serversaket acceptes. sentence = connectionsacket (ecr (1024) decade () tile = open (sentence, (")") I = file (ead (lo24) (Onnoction Socket- send (I. encode()) file-close() client from socket impact &

Serverlline = "1270.0.1" Server Port = 12000 client Saket = Socket (AFINFT, SOCK-SIREAM) client Socket Gonnert ((ServerNine FerseneiPorts) sendence = inhut (" Fnter file name") client Socket send (contence encode(1) file content (= client Socket recy (lo24) decode 1) print ("From server", filecone-len-le) · clientSocket.closec)