Computer Networks - University Practical Name! Abhisek Routh Deg No: RA1911003010272 Sec : EI Aim of the Experiment: To share a document from system 1 in LAN 2 to system 32 in land by establishing a relicible communication is Procedure:-I Include all the necessary Leader files.
I Then create a socket way socket
function with family AF_INET & type of
SOCK_STREAM. SOCK_STREAM. bzero function. iv, Assign the sin-family to AF_INET sin-added to INADDR-ANY, sin-point to object cally assign pond number. of then we have to bind the local host address to socket using the bind function vir Listen on the socket for connection request from the chest. nii, Accept the connection request from the chert using accept function and then receive the

The finally we need to over the sile send the butter to the abother and Theat the To dude all the receivary header files. Then here also create a tocket function is the function of Institute server address to a wing the breno functions assign the sm-tandy to MINT Then we need to get the senior of address and the point number from the conside. using gethostlyname trucker anign it to a hoster structure and anign it to an-addr of the server aldren structure. Then send the name of the file to be noviewed to the server and receive the fill contents from the senier. Code : Server C Himchicle Estelio. Ls Hinchyde Establishs # moderale & strong in }

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Hindude (sys/suched-b)
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Hindude Carina/well by
 in hours ()
     IN seven Descripto re = sochet CAFELINGT,
    LOCK_STREAM, 0);
    Nound suchadah-n semenAddress,
     chara butter (100), the (1000)
      breno (& server Address, street (center Address))
     server Address. sin-family = AF_ENET;
server Address. sin-addr. s- addr= 'nel-addr
     ("124.0.0.1");
     server Address. sin-port = hture (PORT),
      connect (server Descripton, (struct suchaddux)
      Escrientedores, sizeof (seven Address));
     while (1)
          PruNFC'File Name: "))
          scanf (" yos", buster);
          send (serven Descripton, Guffer, Ander Chilles)
          near (" ". sin", "File Output! ");
          recev (server Descriptor, & File, size of (File), 6)
          Prundf ("/ish", file);
       return o
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client. c:
 #Indude <stdis. Ls
Hindude Lstdib. 4 >
 Hindude & strong. 4)
Hindude (sys/types. h)
Hindude Lsys/sochet-hs
#include < sys / stal- h>
#Indude & netmet/in. L)
Hindude ( curstoleh)
# include (neldb. L)
Hindude ( arpa /inelih >
#define PORT 9003
in main ()
     int sever Description = soched CAF_INFT, sock STREAM
    struct sochaddr-in serverAdobress.
     char butter [100], file [2000],
     bzero(& server Address, size of (server Address)).
    server Address. sin-family = AF_ INFT;
    server Address-sin-addr. s-addr = nel-addr
    ServerAddress. sin-port = htons (POR7);
    connect (semenDescripton, (struct sochaddre)
    Esencer Address, size of Csencer Address)
      Pront ("File name!"),
                                       Teacher's Sign
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scant ("1.5", buffer), scant (").s", butter", strilen (Butter), sond (cener Description, butter, ");

mulf (" 1.5\a", "File output: "); mulf (" 1.5 \a", "File Outher recv Cserver Descriptor, & File, size of (File), o) Acus ("1.51n", file); Result: The document has been shared succentrally using file transfer protocol concept and the output has been attached