

Establishing Connection: Enter a merrege: Hello

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- TCP so SOCK_STREAM Bidrectional, reliable, sequenced, undublicated flow of clota without record boundaries.
- · return the value to be, if k & sock-derc == -1,

- 4.1 For ce binding with socket familes, ports, addresses.
 - -> sower sin-family = AF_INET -> server. sin-adder. s-adder = IN ADDR_ANY
 - (INADDR_ANY This is an IP addeen which is used when we don't want to bind a socket to any specific IP. / if doll know actual (P adduly)
 - -> Some sin port = 3003;
 - > Repeat same with client

4.2 Create bind() K=bind(sock_desc, tetruct sock addxx) & client,

> R = bind (sackderc, (struct * sockaddy *) & newe, sing of (serve)); Memory pointer and length of o' sine allocated -> R == -1, print easur 5. Listen (sock-desc, 5); 5 is the "backlog" argument debros the man longth to which awa of pending connections would Allace golden and the second of the second grow, any value till 128 is fine -) store size of (client) in len variable. 6) Accept() for client. temp-sock-dosc = accept (sock-dosc, struct sockaddr *) Edlent, & len); 7) recv () k=recv (temp-sock_addesc, buf, 100,0); // gread incoming data on connections - Execute program s) close ten accept();

Car Westlington

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Client-Server communication using UDP Algorithm Server (DP) 1. Create sucket with sockfd = socket (AF_IN FT, SOCK-DGRAM, O) 2. Force bind, address, INAPPR_ANY, port. h tons (atoi (arg v[i])); 3. bind (sochfd, (struct suck add x *) & server, & & seeve len 4. recufrom (sockfol, buffer, 100,0), struct sackadolar, & server len). Client

1. saket evertien.

2. Force binding.

3. Accept string.

4. Sond data to rend. 5. Send to (sockfd, buffer, size of (buffer), 0, (struct sockaddr *) & server, sizeof(seomer)) 8. / Sends to serve 6. to 5 top

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