## Nidhel K. (IXV8CBIOGPage No.

| 10.000  |
|---|
| Las internal  |
| as Tarplement concernent that server that allows                    |
| cornert logged in were to chat with server                          |
| 1x Sender x1  |
|   |
| #include < systypes.h> Iu/80<br>#include < systsocket.h> 27.75 [30] |
| # include (sys/stot.h)  |
| #include (unistd.h)   |
| # included stalin w (50)  |
| # includes forth. W   |
| # include addio.h   |
| # include < aupalinet.4)  |
| # include < storing w   |
| # defene max 285  |
| void starecho (int wound)   |
| 2   |
| int ni char *by 2 mallodmax);                                       |
| white (nz recv (countd, by, max, 0))>0)                             |
| 2 puts ("From client: ", stdout);                                   |
| fputs (* by, st dout);  |
| Jours (In ", stodout);  |
| if (dgets (by, max, stdin)1, 2NULL)                                 |
| send (congld, by, stren (by), 0);}                                  |
| bzero (by, max); } }  |
| int main ()   |
| L'int cont, lestfal, connid, addres, addres, jd, pid, addres        |
| stouct souladdrin addr, cli-addri                                   |
| if (listfd=socket(AF-INET, SOCK_STREAM,O))>0)                       |
|   |

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|       | (* Client -x)                                      |
|       | Hinclude < stdio. 4)                               |
|       | # include ( systypes 4)                            |
| -     | # include ( sys/socket.h)                          |
|       | # in clude carpalinet w                            |
| 1     | # mclude & etring. 4)                              |
| 1     | tim dude ( unist dih)                              |
| 1     | # include < netinet (in.h)                         |
| -     | # defue max 215                                    |
|       | void str_cli (FILE &b, int sould)                  |
|       | L'int cont, char Thy = malloc (max);               |
|       | put ("To server " stdout))                         |
|       | while (Jgets (buy, max, Jp) 1 = NOZE)              |
|       | < send (soulfd, buy, etoler(buy), 0);              |
|       | of (( cont > recy (sould, buy, max, 0)))           |
|       | Jour ( From server: ", stdout) but (by, etdout)    |
|       | of (shoncomp ("exit", u)==0) {                     |
|       | pringl' Client exit (n'); breaks)                  |
|       | hezero (by, 1024)                                  |
|       | full in To servery, shout);}                       |
|       | paint (" FOFM) &                                   |
|       | int mais (int arg 1, char * argr[])                |
|       | I int crock struct sakadds in adds;                |
|       | of (cr_sock = socket (AF_INET, SOCK_STREAM, 0)(>0) |
|       | printfl" Socket created encuefully"                |
|       | dre pringle socket creation (aded ") crit(0); ?    |
|       | addr. sin_port = hlone(16001);                     |
|       | and addrasin-jamily 2 AF_INFT                      |
|       | interpton (AF-INET, arg v[i], baddr. sin-addr)     |
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|          | il (connect-(cr-sock, (struck sockodder *) badder printfle The connection is accepted by the cleet prointfle Exord ion connected)  struction (stolen, or-sock)  return close (cr-sock) | size of (adds) /2 2) |
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