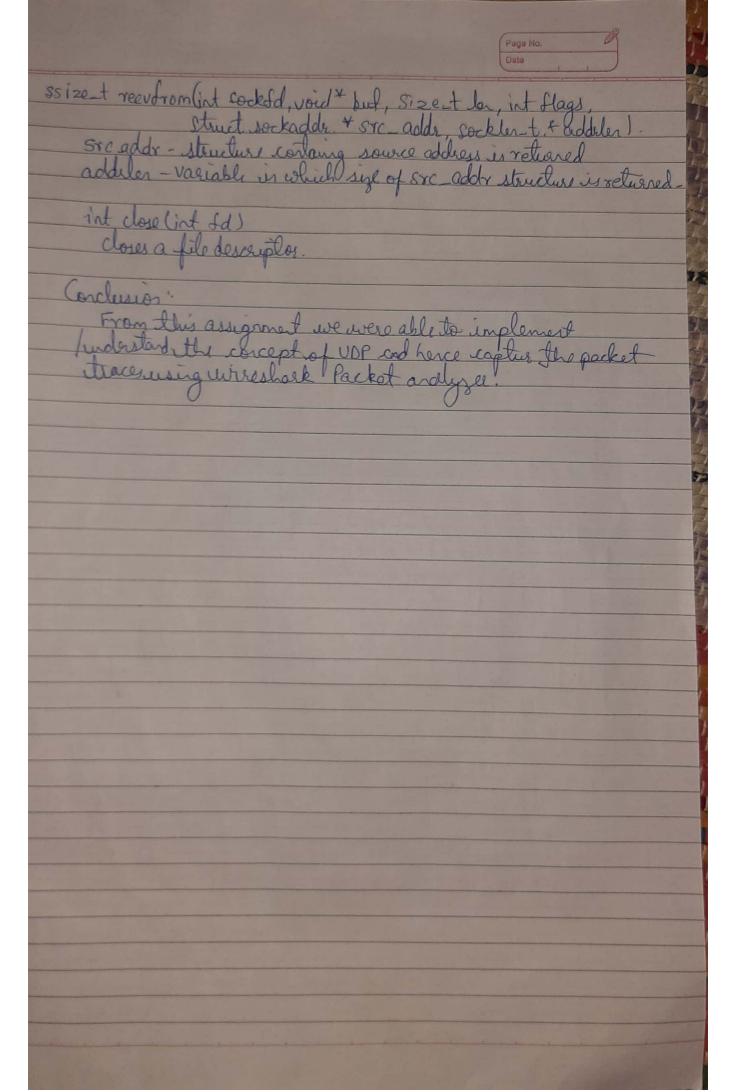


Uppyerver Create Upp socket Bird the socket to siever address Wait until datagram packet arrives from client 4) Peroces the datagram packet & send a copy to diet 5) Go back to stop 3 UDP client 1) Create UDP Locket 2) Send may ago to derver 3) Wast urtil response from server is received 4) Process septy and go back to step 2, if recessary 5) Close socket descriptor & exit. Function int socket (int domain, int type, int protocol) Type - SOCK\_STREAM OR SOCK\_DGRAM Protocol - O means we default protocol. 2) int bad int socked, const stend sockadds todds, sockler to addrler Socked - file descriptor of socket to be birded as specified addrler - Size of addr Steurture SSIZE & sendlo lint socked, const void but, size t len, int flags, const struct sockeder \*dest-adde, sockler +, addeler So but - Application buffers containing the data to be cent les - Size of Intapplication buffer flags - Bitures of of flags to madify socked bahariais destador - structure containing address of destiration addres - size of dest odds theusters



```
server.c - FILE - V
                                                                                                                                                                      kkaneki@loading: ~/CNL/FILE/Client
                                                                                                                                                                                                                                    Q = - 0
dit Selection View Go Run Terminal Help
                                                                                                                             kaneki@loading: $ cd CNL/FILE/Client/
                                                                                                                           kkaneki@loading:-/CHL/FILE/Client$ gcc client.c
kkaneki@loading:-/CHL/FILE/Client$ ./a.out
                                                    C server.c X
                                Server> C server.c> 😌 main() printt( waiting for ctient...\n^);
> OPEN EDITORS
                                                                                                                           Client Socket created
                                                            bytes = recvfrom(sockfd,file_name,1024,serPlease enter file name to receive:
                                                            bytes = recvfrom(sockfd,net_buf,700000,ser
                                                            fp = fopen(file_name, "wb");
  # two.js
   c server.c
                                                            // i+f:
/// file_buf[i] = '\8';

printf("\s Hey",net_buf);

if((fwrite(net_buf,strlen(net_buf),1,fp)) kkaneki@loading:-/CNL/FILE/
printf("\nFile Transfer failed!\n");

} else { kkaneki@loading:-/CNL/FILE/Server$ gcc server.c
    printf("\nFile Successfully Transferr(kkaneki@loading:-/CNL/FILE/Server$ ./a.out
                                                                                                                             Socket Created
                                                             if (fp != NULL)
  fclose(fp);
                                                                                                                             Bind Success
Waiting for client...
  > OUTLINE
  > MAVEN
```

```
server.c-FILE-V
                                                                                                          kkaneki@loading: -/CNL/FILE/Client
                                                                                                                                                 Q = - 0
dit Selection View Go Run Terminal Help
                                                                                kaneki@loading:-$ cd CNL/FILE/Client/
                                                                               kkaneki@loading:-/CML/FILE/Client$ gcc client.c
kkaneki@loading:-/CML/FILE/Client$ ./a.out
                                  C server.c X
                    Server > C server.c > ⊕ main() printf( waiting for ctient...\n');
> OPEN EDITORS
                                                                               Client Socket created

→ Client

                                      ₩ client.txt
                                      fp = fopen(file_name, "wb");
  IS two.js
  ₩ a.out
  if (fp != NULL)
  fclose(fp);
                                                                               Bind Success
Waiting for client...
adfsdfsfsdf Hey
File Successfully Transferred!
Waiting for client...
                                return 0;
 > OUTLINE
```

