### **Computer Networks Lab 1**

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#### **22I-0813**

## Manual Output:

```
C server.c X C client.c
      int main()
                                                      lab@rawal-lab1-pc-01: ~/Desktop/i220813
             server_adre □
             server_adre lab@rawal-lab1-pc-01:~$ cd Desktop/i220813/
             server_adre lab@rawal-lab1-pc-01:-/Desktop/i220813$ ./server
                            Hello I am client are you there?
                            lab@rawal-lab1-pc-01:~/Desktop/i220813$
             // bind the
             bind(server
             listen(serv
             int client_
             client_sock
                                                      lab@rawal-lab1-pc-01: ~/Desktop/i220813
             recv(client □
  35
             printf("\n lab@rawal-lab1-pc-01:~$ cd Desktop/i220813/
             send(clientlab@rawal-lab1-pc-01:~/Desktop/t220813$ ./client
             Hi, yes you have reached the server!
//close thelab@rawal-lab1-pc-01:~/Desktop/i220813$
             close(serve
             return 0;
```

# Task Output:

```
C server.c
              C client.c
       #include <arpa/inet.h>
                                                  lab@rawal-lab1-pc-01: ~/Desktop/i220813/Task
                          lab@rawal-lab1-pc-01:~$ cd Desktop/i220813/Task/
        int main()
                          lab@rawal-lab1-pc-01:~/Desktop/i220813/Task$ ./client
             char messa<sub>Hassan</sub>
             char buf[2lab@rawal-lab1-pc-01:~/Desktop/i220813/Task$ | 
                                                                                     Q ≡
             int sock; 
☐ □
                                                 lab@rawal-lab1-pc-01: ~/Desktop/i220813/Task
             sock = SOClab@rawal-lab1-pc-01:~$ cd Desktop/i220813/Task/
                          lab@rawal-lab1-pc-01:~/Desktop/i220813/Task$ ./server
             //setup an Hassan
             struct soclab@rawal-lab1-pc-01:~/Desktop/i220813/Task$
             server_adr
             server_adr
```