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C week3_bt.c C client.c U X C server.c U Makefile U
W4> onclass > C client.c > ...
1 #include <stdio.h>
2 #include <stdlib.h>
3 #include <string.h>
4 #include <unistd.h>
5 #include <arpa/inet.h>
6
7 #define SERVER_IP "127.0.0.1" // Địa chỉ server LOOPBACK
8 #define SERVER_PORT 8085
9 #define BUFFER_SIZE 1024
10
11 int main()
12 {
13     int sockfd;
14     struct sockaddr_in servaddr;
15     char buffer[BUFFER_SIZE];
16
17     // Tạo socket UDP
18     if ((sockfd = socket(AF_INET, SOCK_DGRAM, 0)) < 0)
19     {
20         perror("socket creation failed");
21         exit(EXIT_FAILURE);
22     }
23
24     memset(&servaddr, 0, sizeof(servaddr));
25
26     // Cấu hình địa chỉ server
27     servaddr.sin_family = AF_INET;
28     servaddr.sin_port = htons(SERVER_PORT);
29     servaddr.sin_addr.s_addr = inet_addr(SERVER_IP);
30
31     // Gửi dữ liệu đến server
32
33     namng@namng-ASUS:/mnt/BA145E2B145DEB41/Study/2025.1/THLTM/Code/W4/onclass$ ./server
34     r
35     Listening on port 8085...
36     Server received from client (127.0.0.1:59051) : Hello world
37     Reply sent to client DONE.
38     namng@namng-ASUS:/mnt/BA145E2B145DEB41/Study/2025.1/THLTM/Code/W4/onclass$
39
40     namng@namng-ASUS:/mnt/BA145E2B145DEB41/Study/2025.1/THLTM/Code/W4/onclass$ make all
41     class$ make all
42     namng@namng-ASUS:/mnt/BA145E2B145DEB41/Study/2025.1/THLTM/Code/W4/onclass$ ./client
43     t
44     Sent to server: Hello world
45     Received from server: Hello (127.0.0.1:59051) from (0.0.0.0:8085)
46     namng@namng-ASUS:/mnt/BA145E2B145DEB41/Study/2025.1/THLTM/Code/W4/onclass$
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