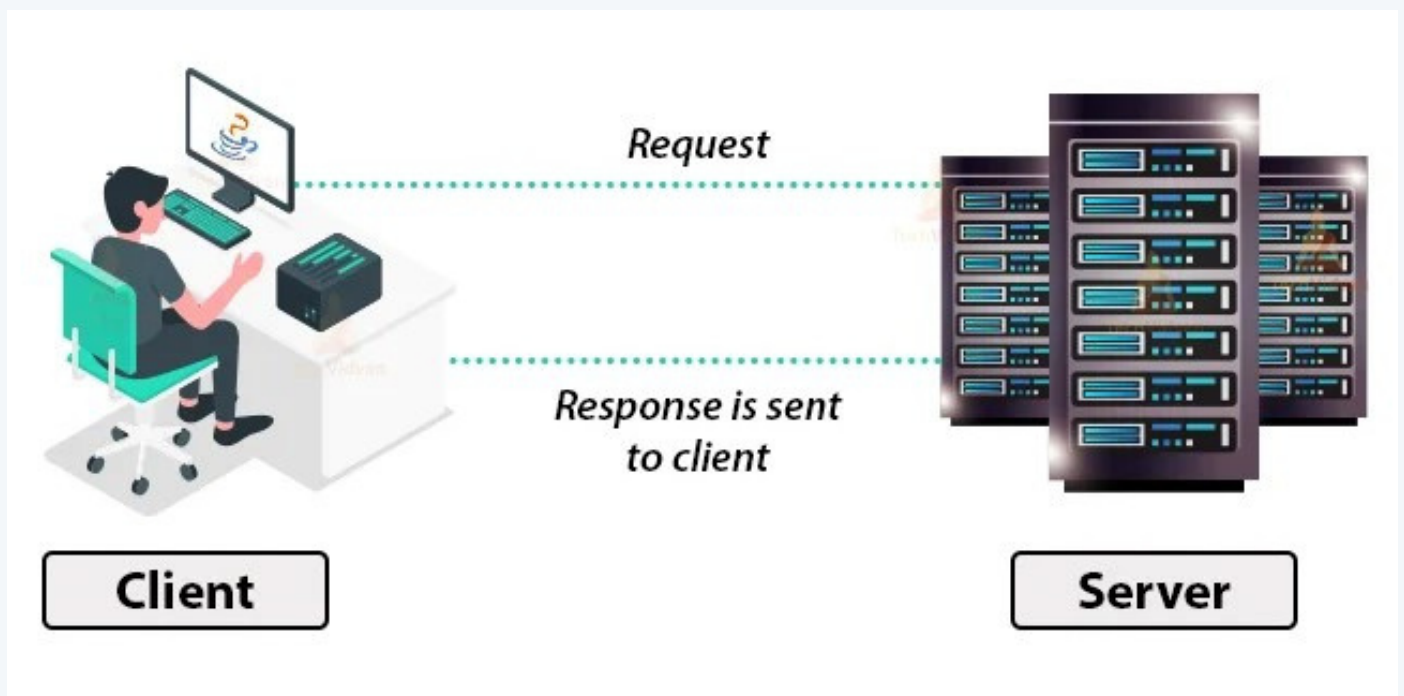# Simple Chat Application Using Socket Programming in C

Prepared By:
K.A.S. Lakshan
(CS/2020/054)
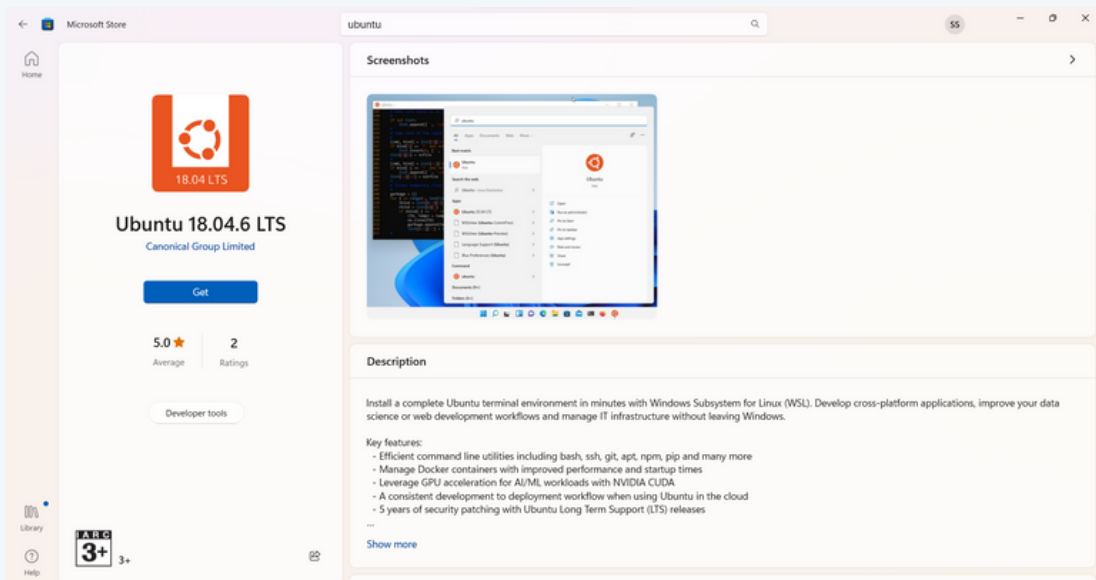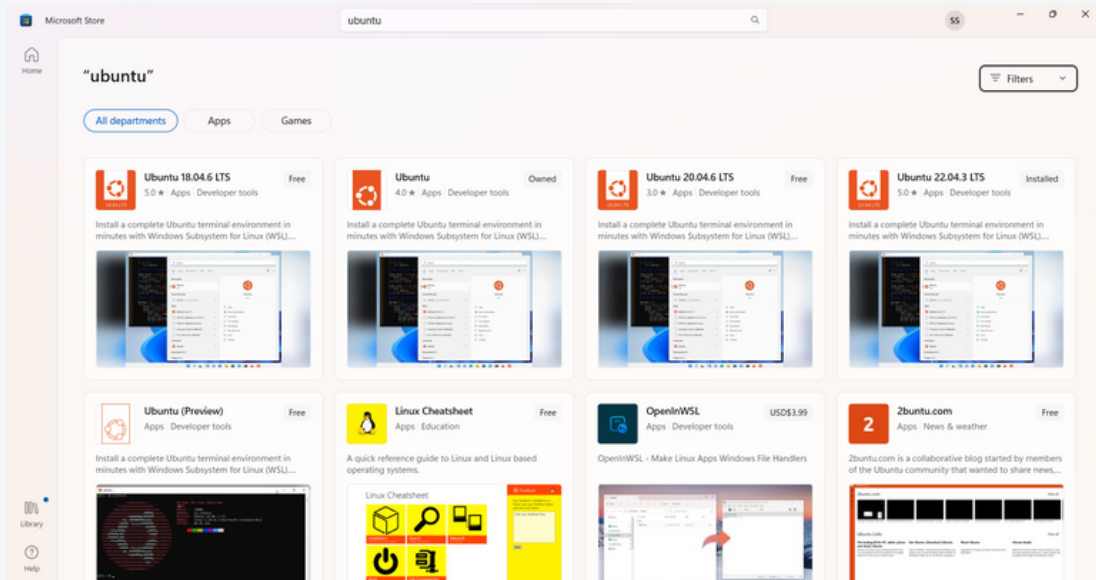
Prepared By:
Sandiru Samarakoon
(CS/2020/032)

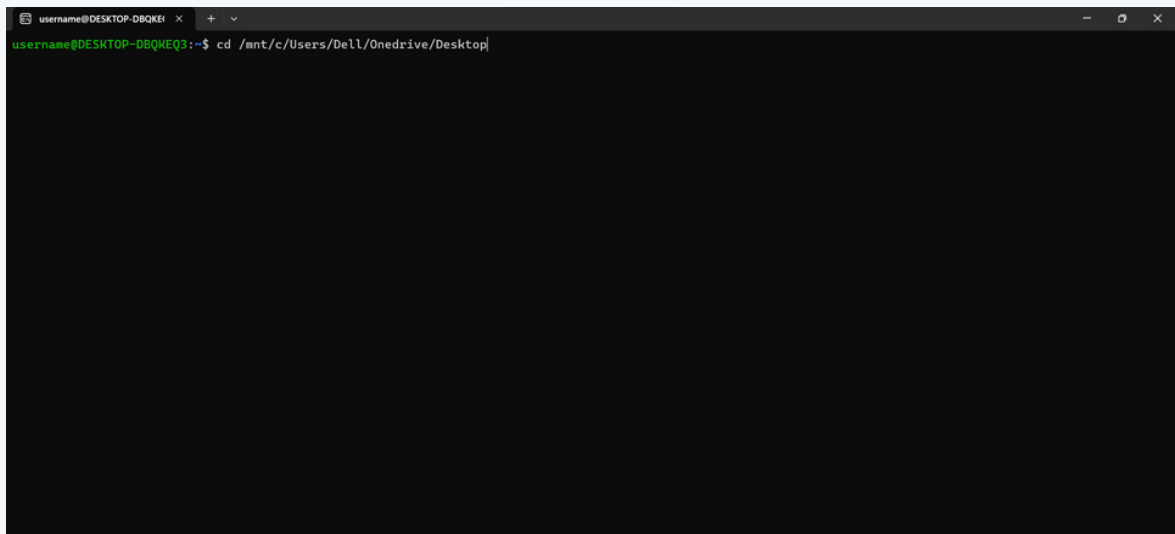19/12/2023

Instructions

Step 01 :

To run this program you want to Linux based system, If you are windows user you must either download and install Linux subsystem for windows(via windows features) or use another method to create Linux environment.
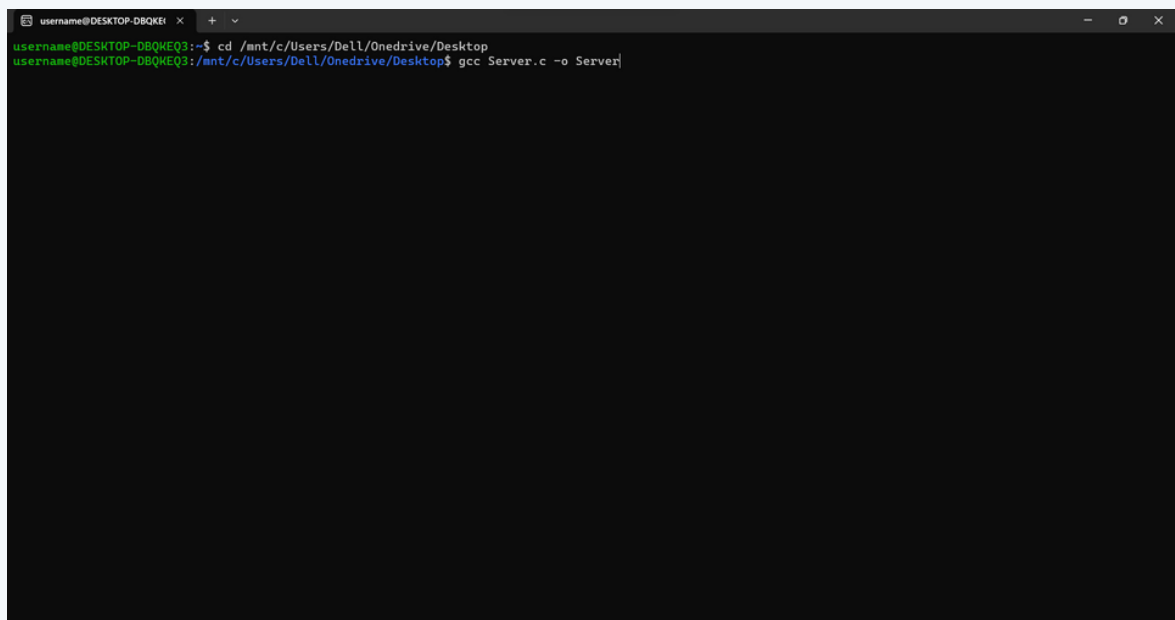
Instructions

Step 02 :

Open the linux terminal and select the file directory which the program files are stored, then press the "Enter" button.

Step 03 :

Start the server program by entering the command "gcc Server.c -o Server"

Instructions

Step 04 :

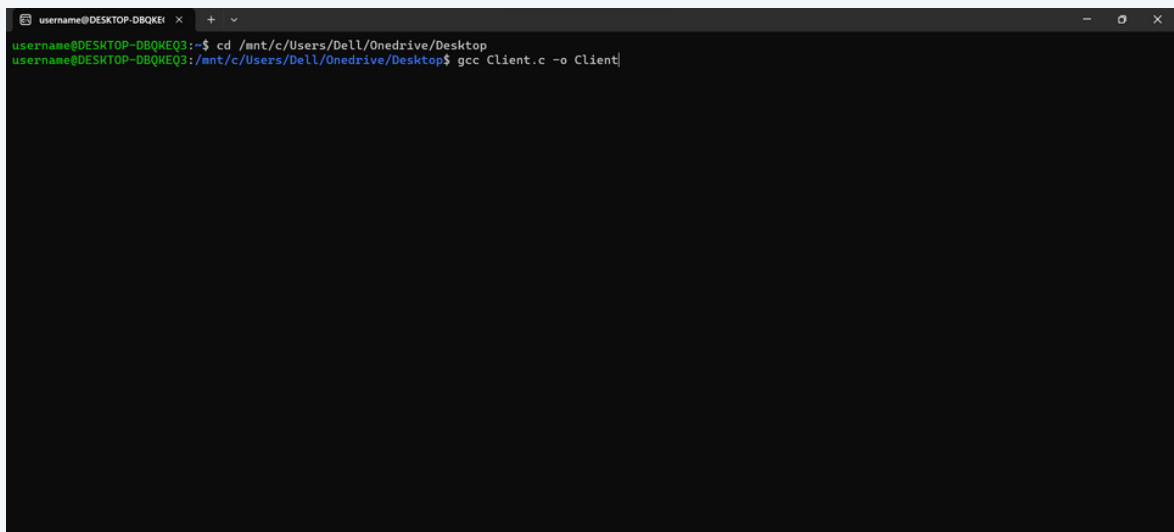Give a port number(as you wish) for server to communicate with the client by entering the command "./Server port number"

Step 05 :

Open another terminal window and repeat the step 02, then start the client program by entering the command "gcc Client.c -o Client"

Instructions

Step 06 :

Give ip address and port number of the server you previously started server by entering the command "./Client server_ip_address<space>port_number"

Step 07 :

Now you can start messaging with each other
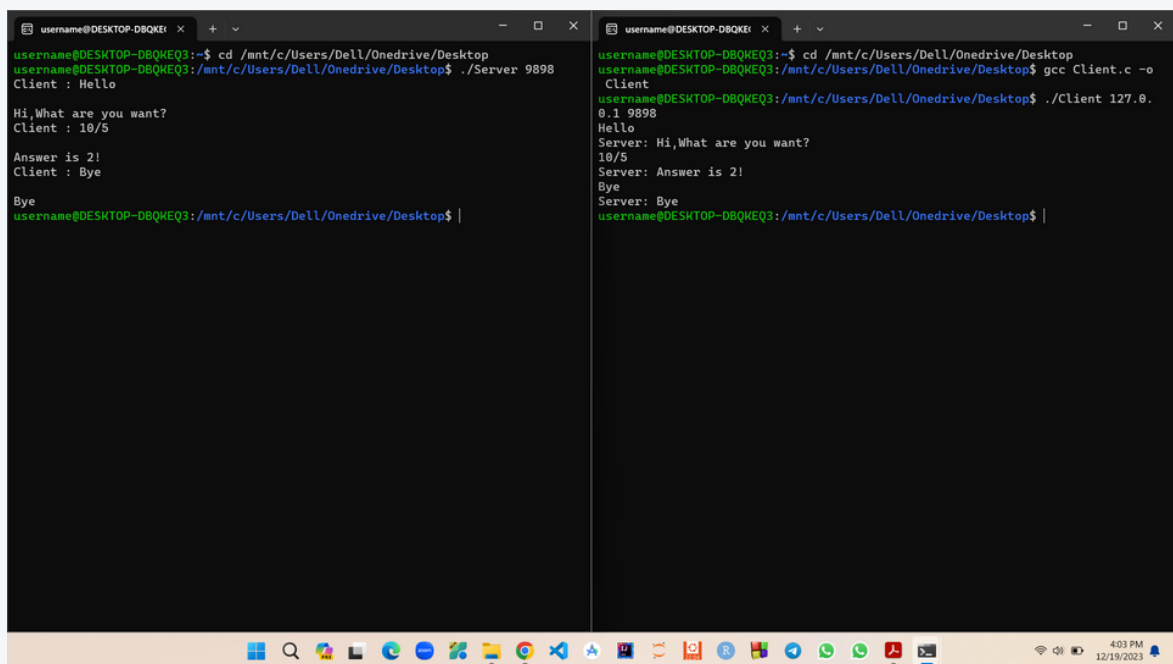
Instructions

Step 08 :

Finally, you can stop the application by entering the command "Bye" in both client and server programs.

Thank You

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