

```
damato.federico@web4stude x + - _ x
C:\Users\feded>ssh damato.federico@163.192.115.36 -p 2222
damato.federico@163.192.115.36's password:
Welcome to Ubuntu 22.04.5 LTS (GNU/Linux 6.14.0-1009-oracle aarch64)

 * Documentation:  https://help.ubuntu.com
 * Management:    https://landscape.canonical.com
 * Support:       https://ubuntu.com/pro

This system has been minimized by removing packages and content that are
not required on a system that users do not log into.

To restore this content, you can run the 'unminimize' command.
Last login: Wed Oct 8 20:57:19 2025 from 82.50.160.79
damato.federico@web4stude:~$ cd /home/SBINF/DAMATO.FEDERICO
damato.federico@web4stude:~/SBINF/DAMATO.FEDERICO$ mkdir 002-Echoservice
mkdir: cannot create directory '002-Echoservice': File exists
damato.federico@web4stude:~/SBINF/DAMATO.FEDERICO$ cd 002-Echoservice
damato.federico@web4stude:~/002-Echoservice$ nano TcpClient.java
damato.federico@web4stude:~/002-Echoservice$ javac TcpClient.java
damato.federico@web4stude:~/002-Echoservice$ java TcpClient.java
Client: Connessione al server=127.0.0.1:8765 ... Connected
Client: inserisci il messaggio da inviare> Hello
Client: invio il messaggio: Hello
Client: ricevuto il messaggio: Echo from server : Hello
Client: inserisci il messaggio da inviare> World
Client: invio il messaggio: World
Client: ricevuto il messaggio: Echo from server : World
Client: inserisci il messaggio da inviare> |

Microsoft Windows [Versione 10.0.26100.6725]
(c) Microsoft Corporation. Tutti i diritti riservati.

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This system has been minimized by removing packages and content that are
not required on a system that users do not log into.

To restore this content, you can run the 'unminimize' command.
Last login: Wed Oct 8 20:16:30 2025 from 82.50.160.79
damato.federico@web4stude:~$ cd /home/SBINF/DAMATO.FEDERICO
damato.federico@web4stude:~/SBINF/DAMATO.FEDERICO$ cd 002-Echoservice
damato.federico@web4stude:~/002-Echoservice$ java TcpServer
Error: Could not find or load main class TcpServer
Caused by: java.lang.NoClassDefFoundError: TcpServer (wrong name: network/
k/TcpServer)
damato.federico@web4stude:~/002-Echoservice$ java TcpServer.java
Server: in ascolto sulla porta 8765
Server: ricevuto messaggio Hello
Server: invio messaggio Hello
Server: ricevuto messaggio World
Server: invio messaggio World
|
```

```
damato.federico@web4stude x + - _ x
GNU nano 6.2 TcpClient.java
/**
 * from network/..
 * javac network/TcpClient.java java network.TcpClient
 */
package network;

import java.io.DataInputStream;
import java.io.DataOutputStream;
import java.io.BufferedReader;
import java.io.InputStreamReader;
import java.net.Socket;
//import java.util.Scanner;

public class TcpClient {
    public static void main(String[] args) throws Exception {
        String severAddress="127.0.0.1"; // localhost
        int severPort=8765;
        String clientMsg = "";
        String serverMsg = "";

        try {
            // Create connection to server socket
            System.out.print("Client: Connessione al server=" + severAddress + ":" + severPort + " ... ");
            Socket socket = new Socket(severAddress, severPort);
            System.out.println("Connected");

            // Create input and output streams to read/write data
            // Input stream tramite la classe java Scanner per i dati inseriti dall'utente
            BufferedReader inUserStream = new BufferedReader(new InputStreamReader(System.in));
            //Scanner scanner = new Scanner(System.in);

            PG Help
            PX Exit
            PO Write Out
            PR Read File
            PW Where Is
            ^N Replace
            ^K Cut
            ^U Paste
            ^T Execute
            ^J Justify
            ^C Location
            ^_ Go To Line
            ^M-U Undo
            ^M-E Redo
            ^M-A Set Mark
            ^M-G Copy
            ^M-] To Bracket
            ^M-^ Where Was
```

## [TcpServer](#)

## [TcpClient](#)