

The screenshot shows two terminal windows side-by-side. The left window is titled 'damato.federico@web4stude' and the right one is also titled 'damato.federico@web4stude'. Both windows show the same command-line session:

```

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

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@web4student:>$ cd /home/5BINF/DAMATO.FEDERICO
damato.federico@web4student:>$ mkdir 002-Echoservice
mkdir: cannot create directory '002-Echoservice': File exists
damato.federico@web4student:>$ cd 002-Echoservice
damato.federico@web4student:>./002-Echoservice$ nano TcpClient.java
damato.federico@web4student:>/002-Echoservice$ nano TcpClient.java
damato.federico@web4student:>/002-Echoservice$ javac TcpClient.java
damato.federico@web4student:>/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> |

```

The right terminal window continues the session:

```

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@web4student:>$ cd /home/5BINF/DAMATO.FEDERICO
damato.federico@web4student:>$ cd /home/5BINF/DAMATO.FEDERICO/002-Echoservice
damato.federico@web4student:>/002-Echoservice$ java TcpServer
Error: Could not find or load main class TcpServer
Caused by: java.lang.NoClassDefFoundError: TcpServer (wrong name: network/TcpServer)
damato.federico@web4student:>/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

```

Below the terminals is a screenshot of a 'GNU nano 6.2' editor window titled 'TcpClient.java'. The code is a Java TCP client implementation:

```

/*
 * 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);

```

The status bar at the bottom of the nano editor shows various keyboard shortcuts.

TcpServer

TcpClient