Practical - 3

Aim: - TCP/UDP connectivity using netcat

Introduction: -

- Originally released in 1996, Netcat is a networking program designed to read and write data across both Transmission Control Protocol TCP and User Datagram Protocol (UDP) connections using the TCP/Internet Protocol (IP) protocol suite.
- Netcat is often referred to as a "Swiss Army knife" utility, and for good reason.
- Just like the multi-function user- unless of the venerable Swiss Army pocket knife, Netcat's functionality is helpful as both a standalone program and a back-end tool in a wide range of applications.
- Some of the many uses of Netcat include port scanning, transferring files, grabbing banners, port listening and redirection, and more nefariously, a backdoor.
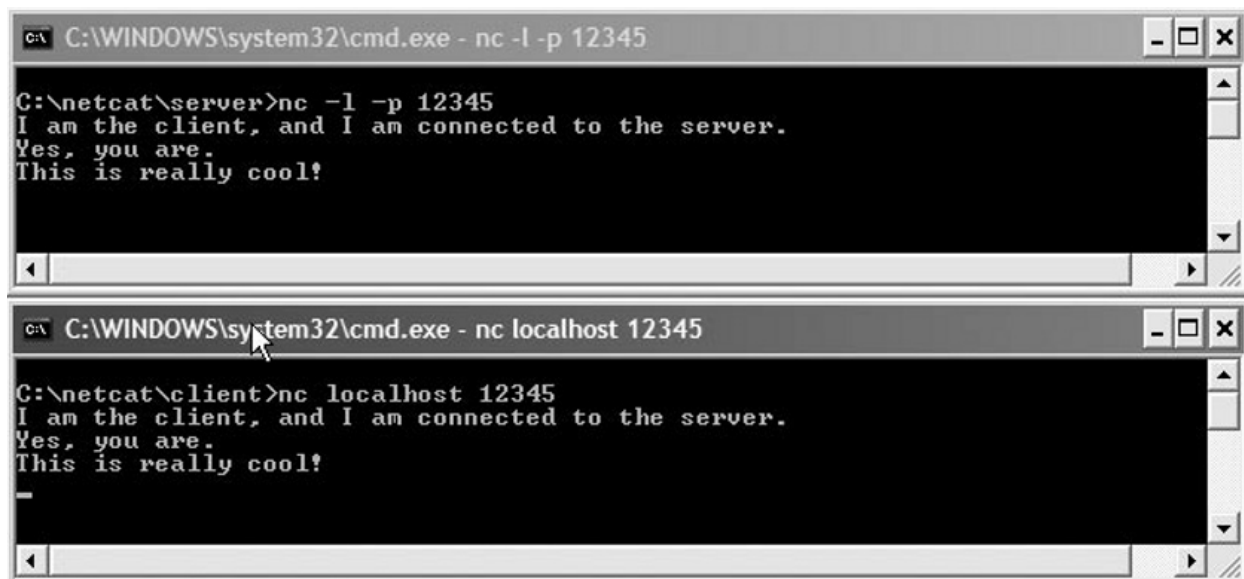
Chat Interface Usage: -

In one terminal window, start the server:
nc –l –p 12345
In a second window, connect to the server with the client:
nc localhost 12345

Text entered on one side of the connection is simply sent to the other side of the connection when you hit enter.