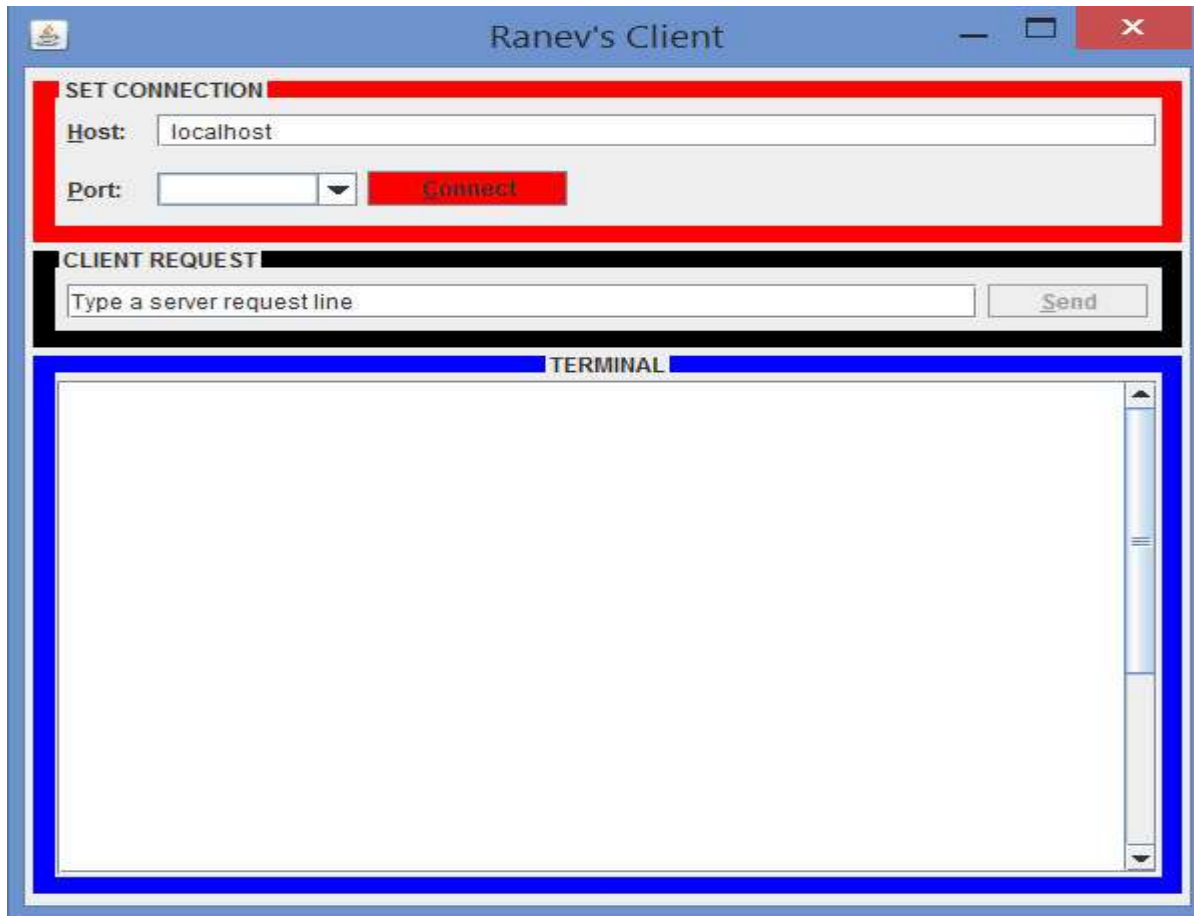


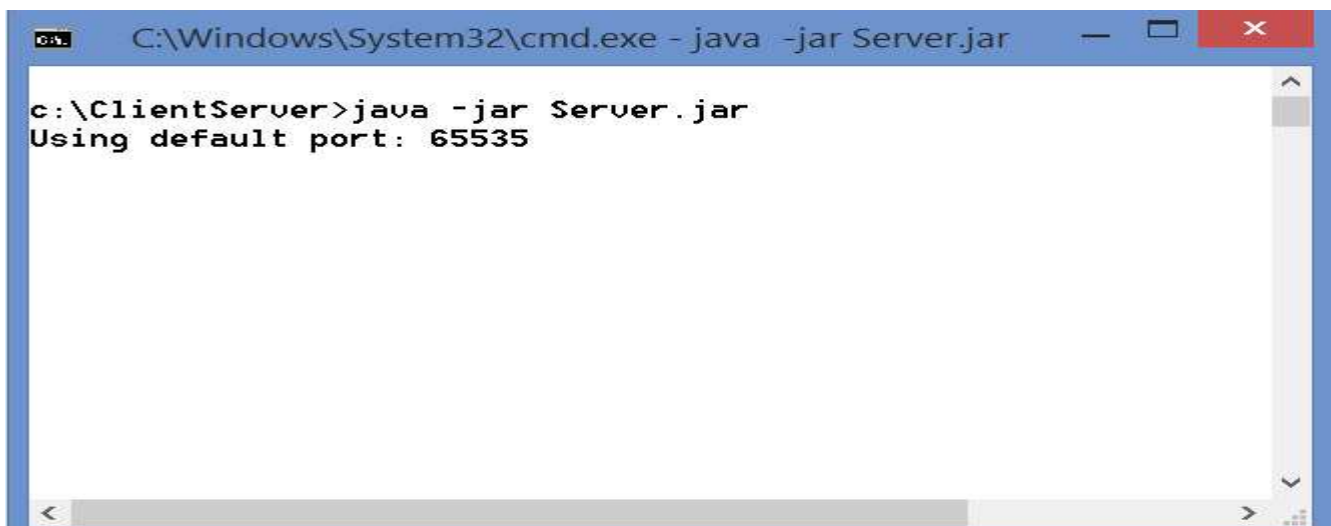
Client-Server Screen Captures

1. Client and Server Started

Client Started



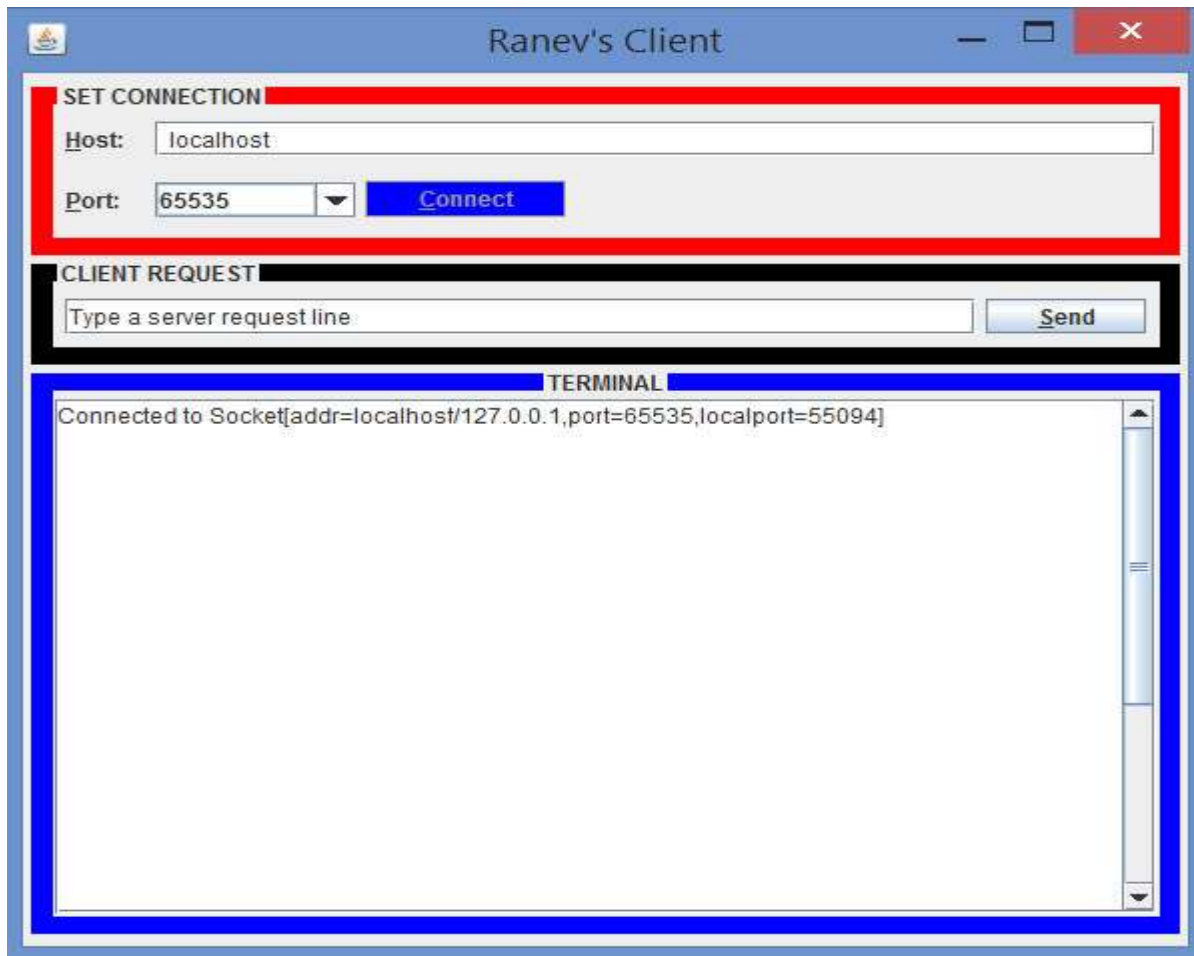
Server Started



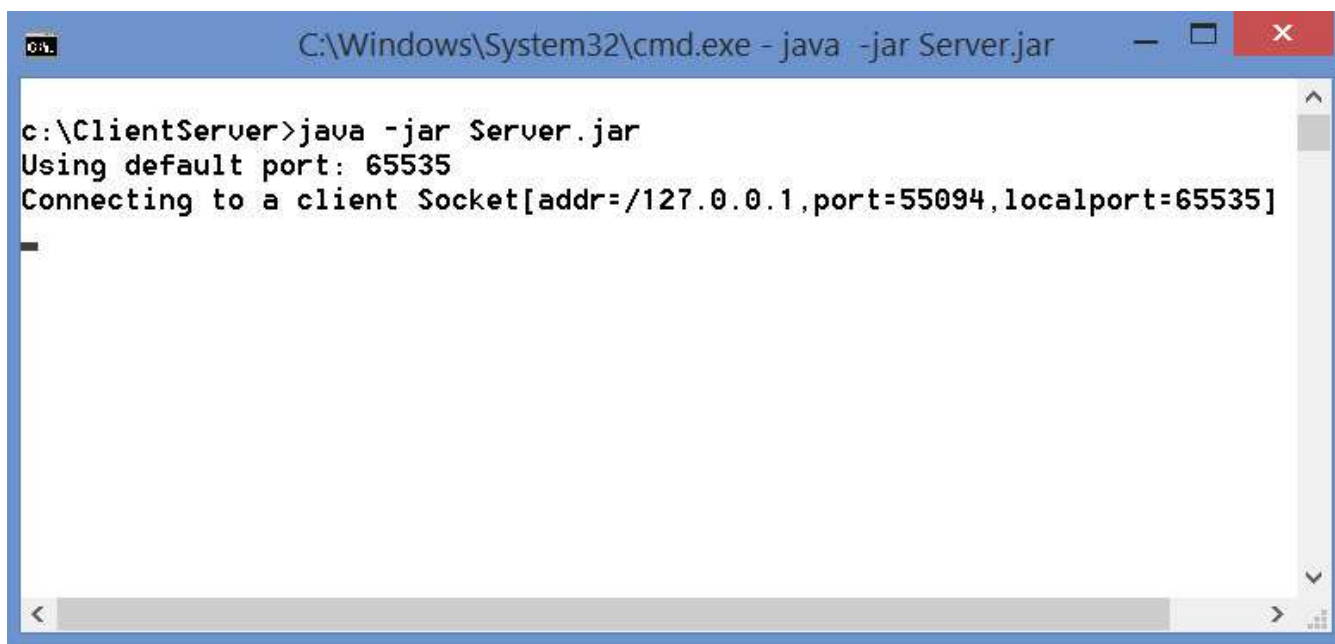
Note: If port 65535 is has already been bound by other application or by your OS, try some other port. For example: 65000.

2. Client and Server Connected

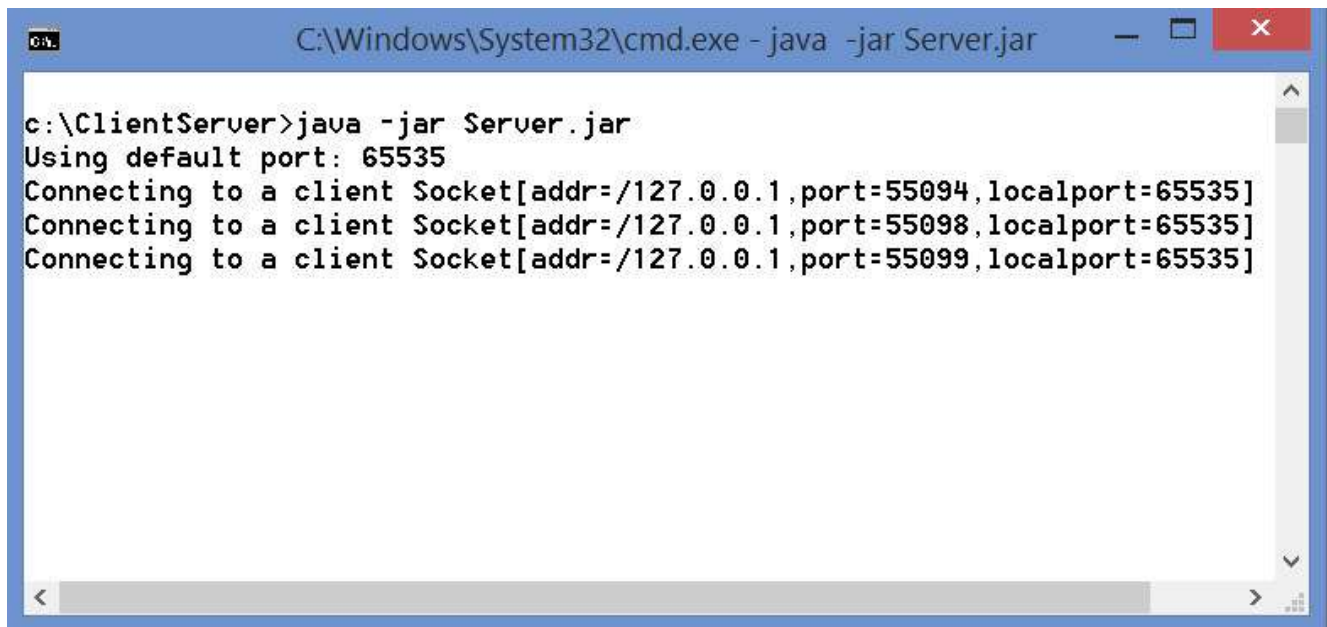
Client Connected on localhost and port 65535



Server Connected to a Client



3. Server Connected to Three Clients on port 65535

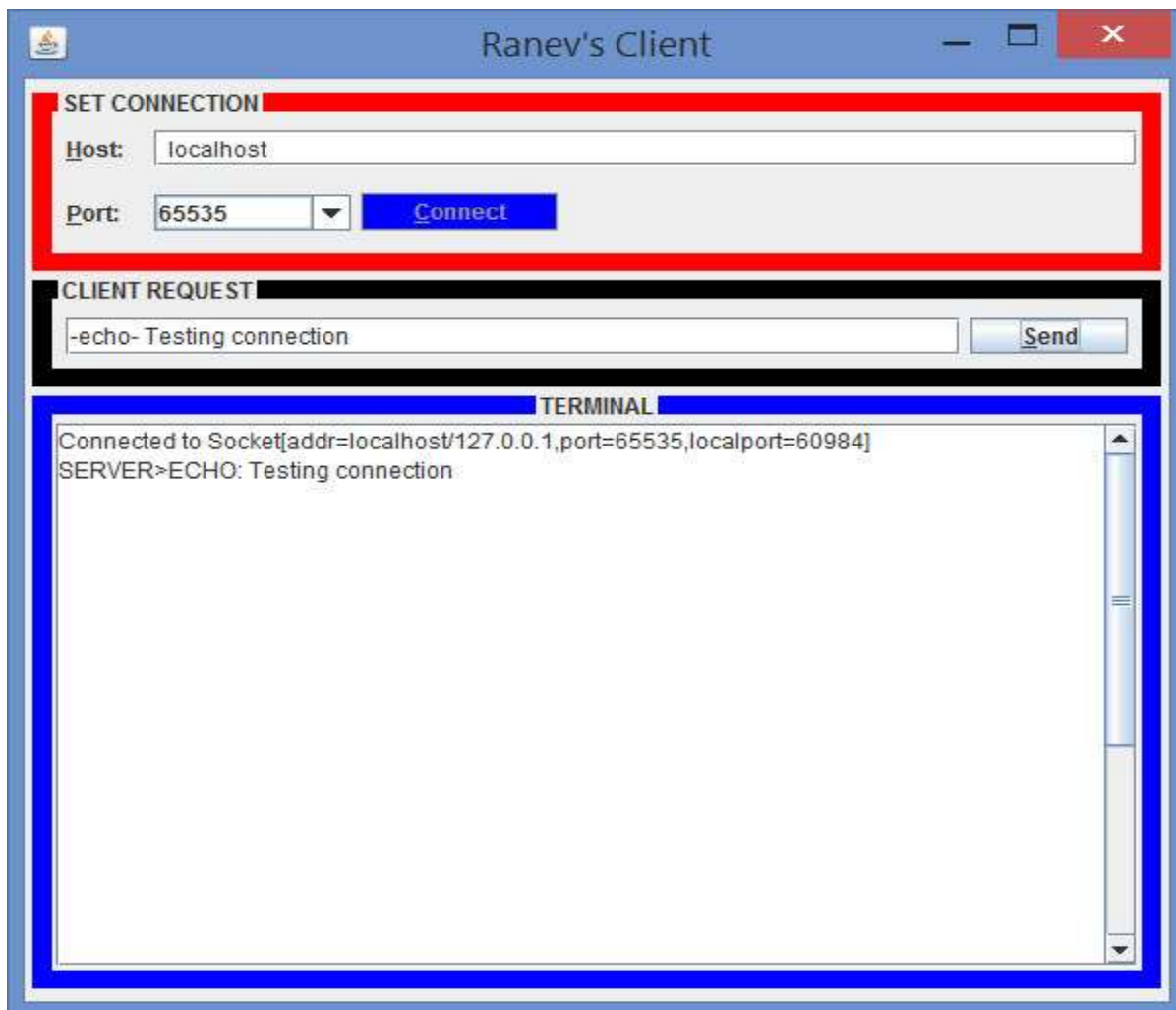


```
C:\Windows\System32\cmd.exe - java -jar Server.jar

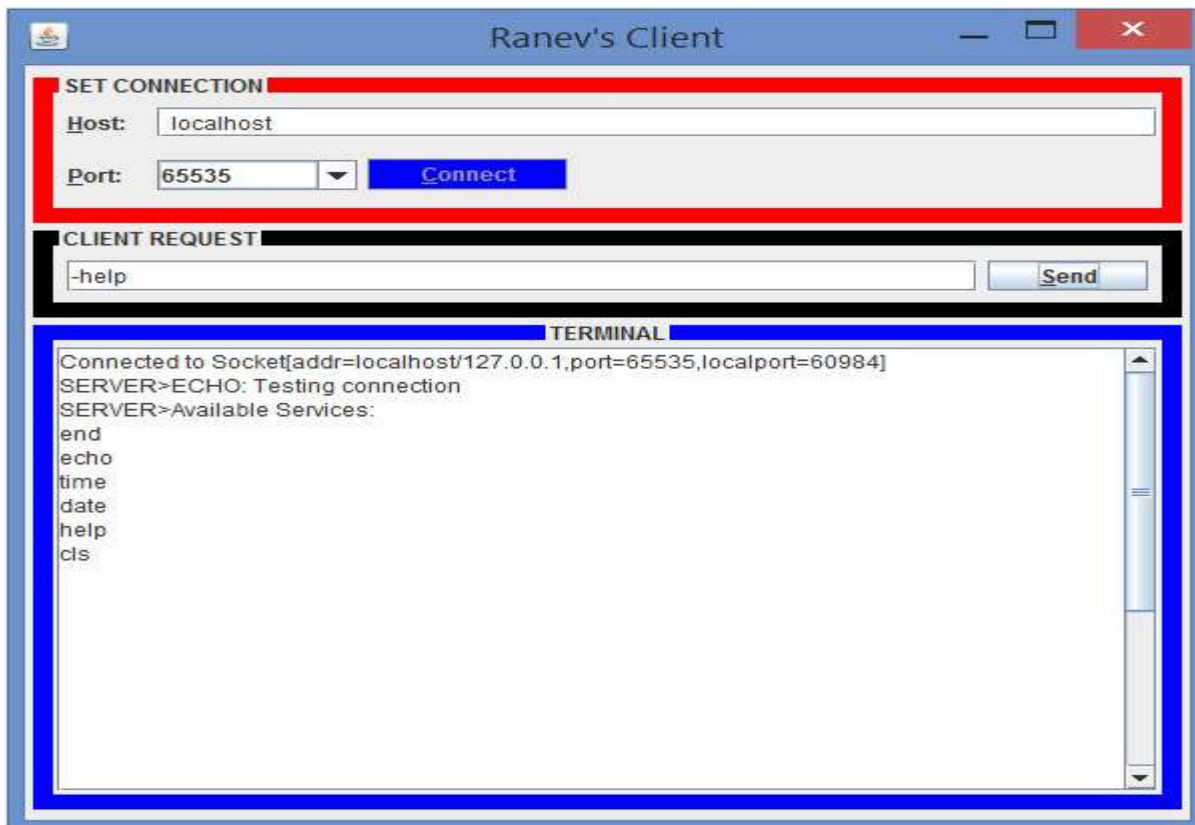
c:\ClientServer>java -jar Server.jar
Using default port: 65535
Connecting to a client Socket[addr=/127.0.0.1,port=55094,localport=65535]
Connecting to a client Socket[addr=/127.0.0.1,port=55098,localport=65535]
Connecting to a client Socket[addr=/127.0.0.1,port=55099,localport=65535]
```

4. Client Sending Requests to Server

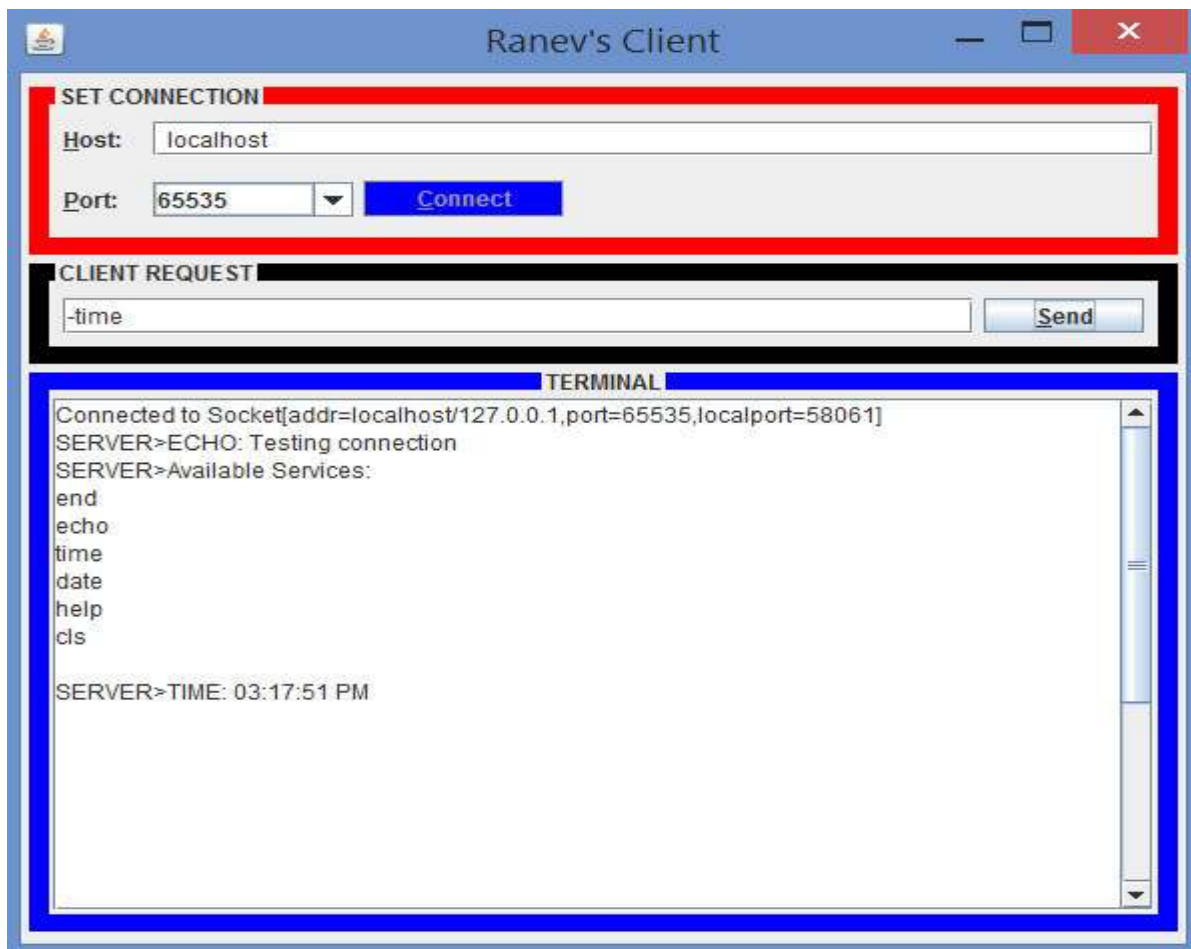
Client after Sending the `echo` command in the server request line



Client after Sending the `help` Command



Client after Sending the `time` command



Client after Sending the date command

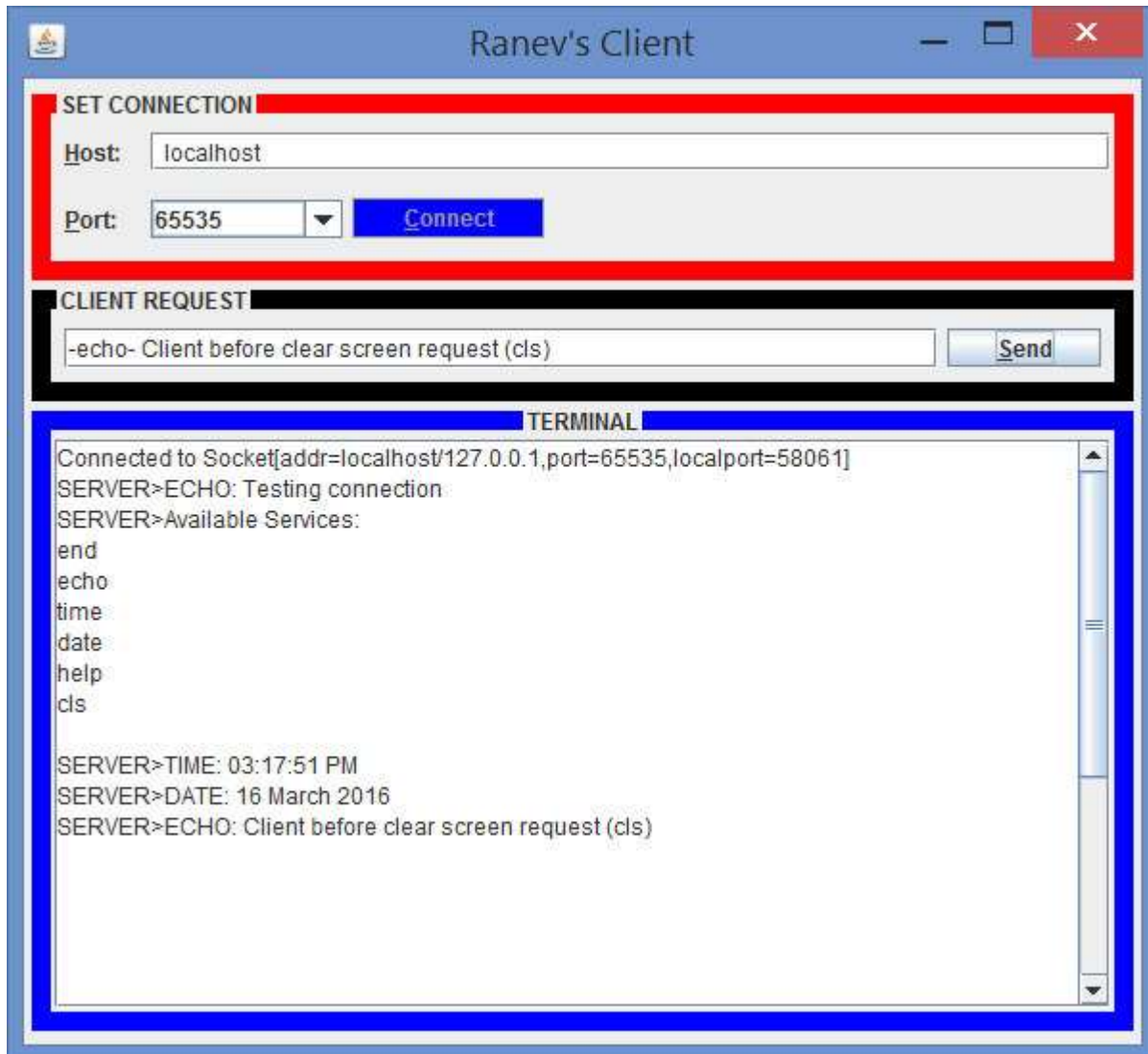
The screenshot shows a Windows-style application window titled "Ranev's Client". It has a blue title bar with standard minimize, maximize, and close buttons. The main content area is divided into three sections:

- SET CONNECTION**: A red-bordered section containing a "Host" field with "localhost" and a "Port" dropdown menu set to "65535". A blue "Connect" button is to the right.
- CLIENT REQUEST**: A black-bordered section containing a text input field with "-date-ask for date" and a "Send" button.
- TERMINAL**: A blue-bordered section containing a text area with the following output:

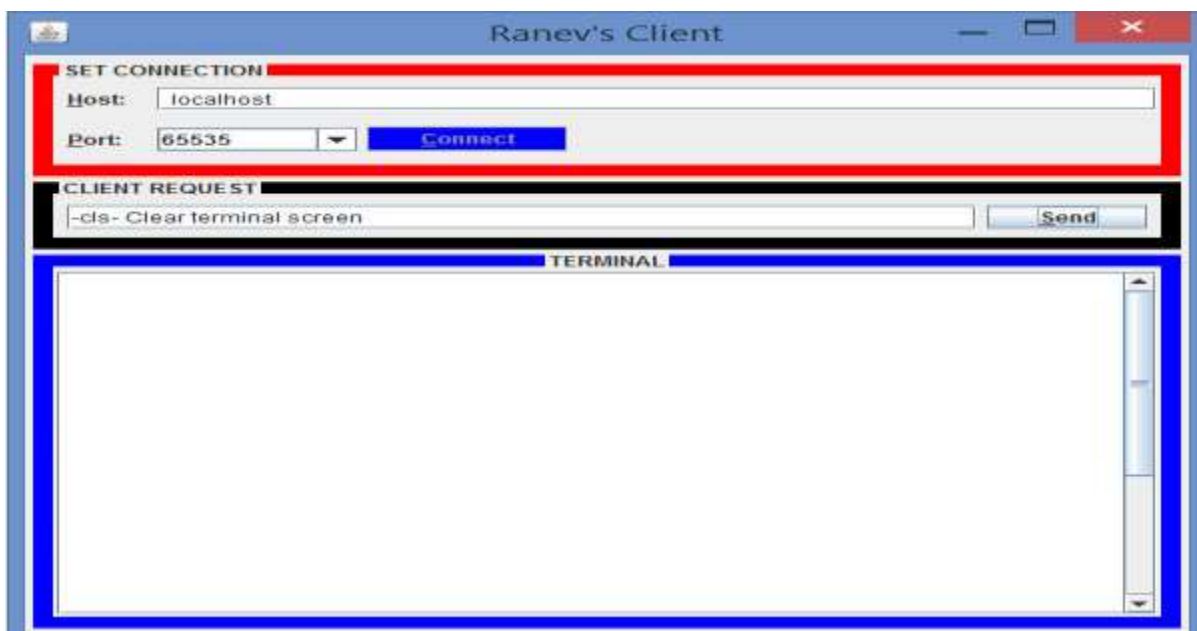
```
Connected to Socket[addr=localhost/127.0.0.1,port=65535,localport=58061]
SERVER>ECHO: Testing connection
SERVER>Available Services:
end
echo
time
date
help
cls

SERVER>TIME: 03:17:51 PM
SERVER>DATE: 16 March 2016
```

Client before and after the `cls` request

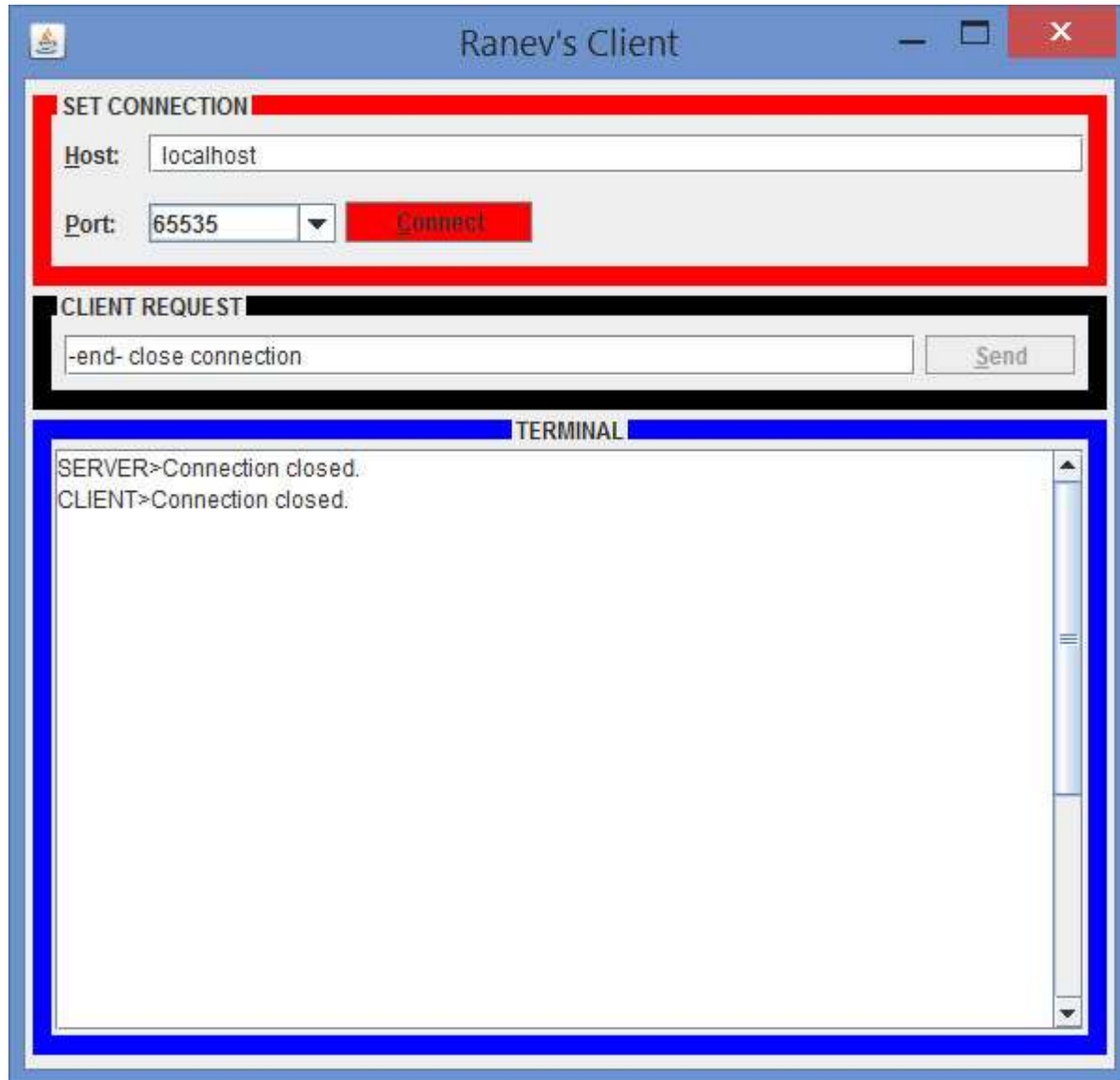


After `cls` response from the server

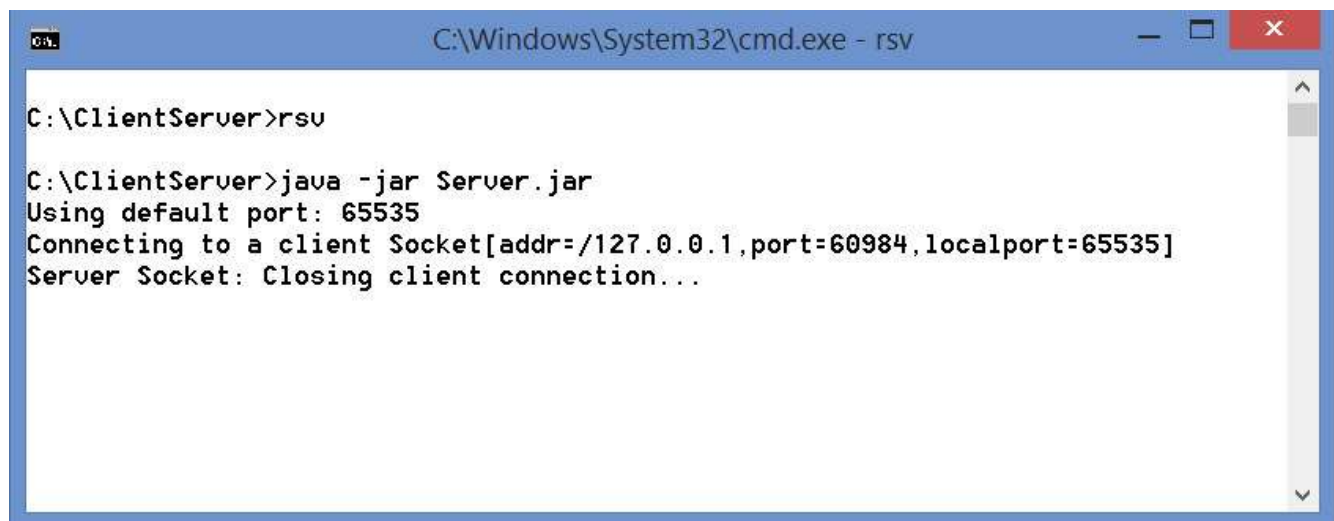


5. Client and Server after Client Sending the `end` Command Request

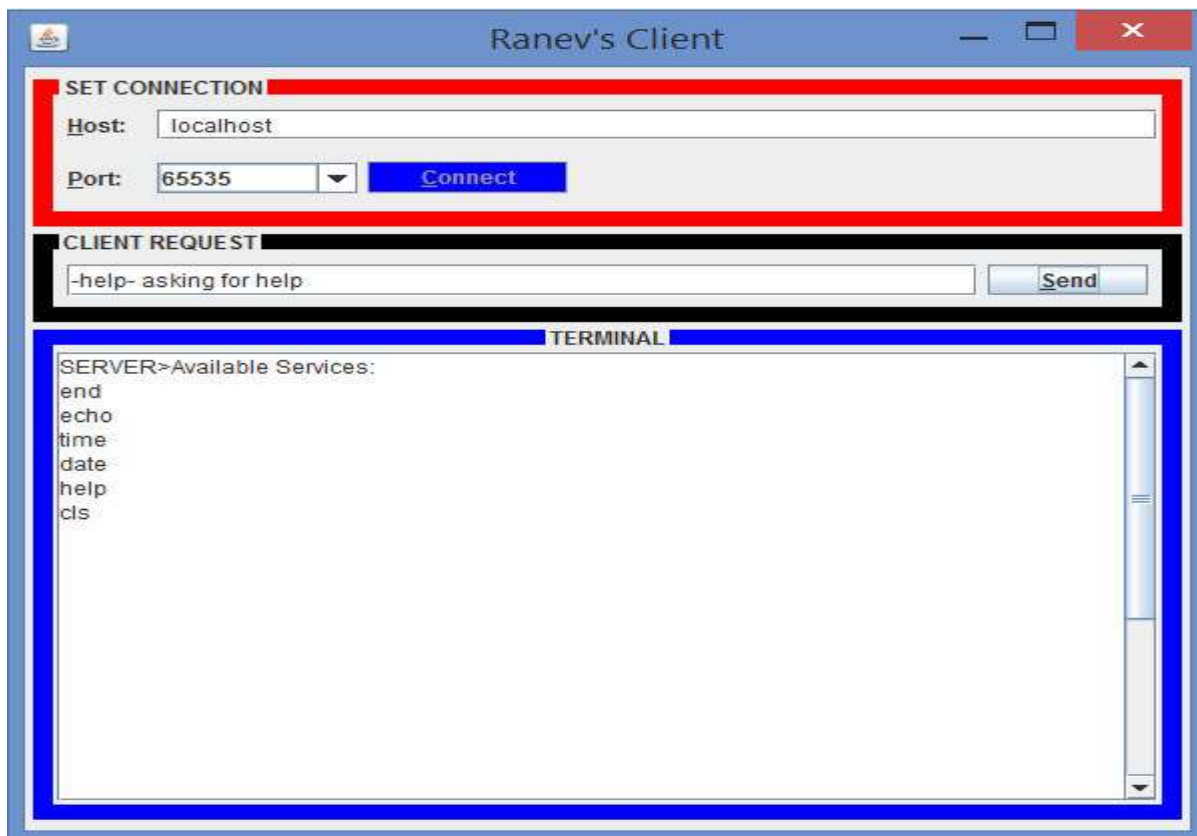
Client with Connection Closed



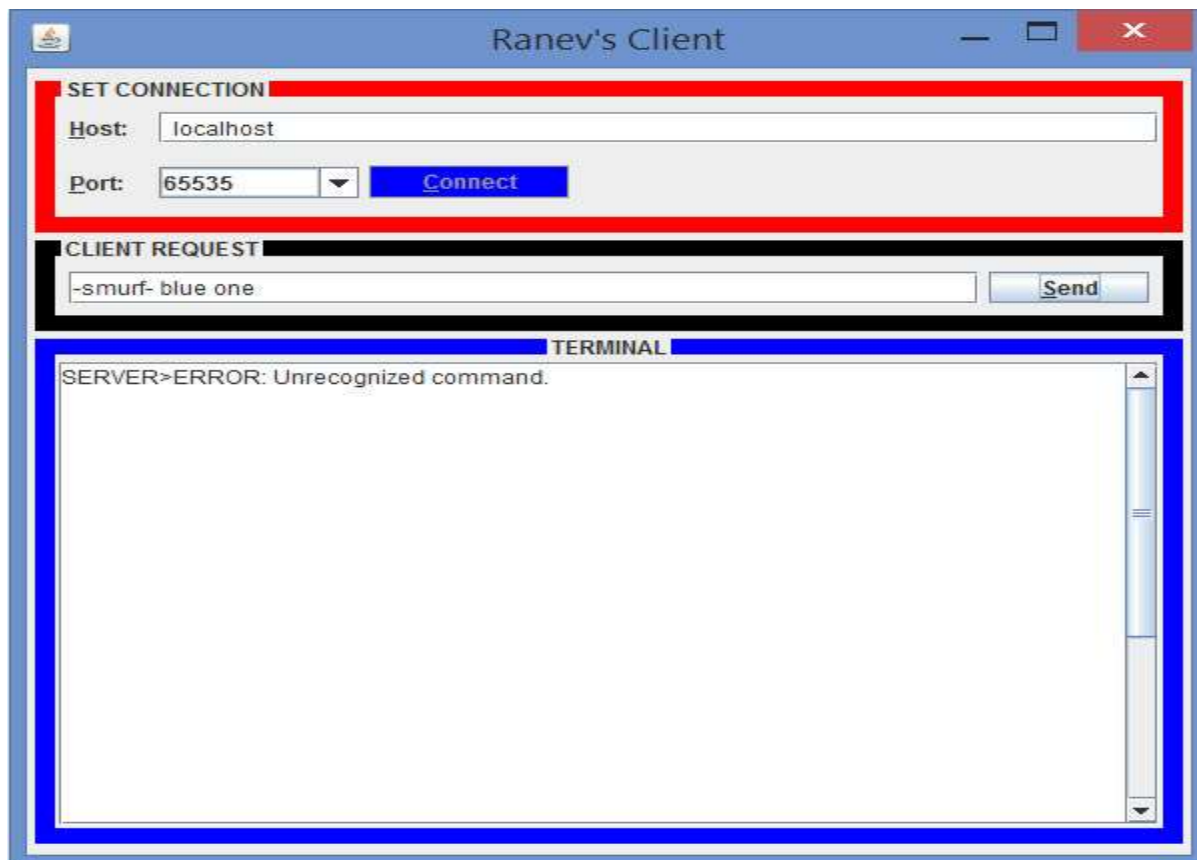
Server with Connection Closed



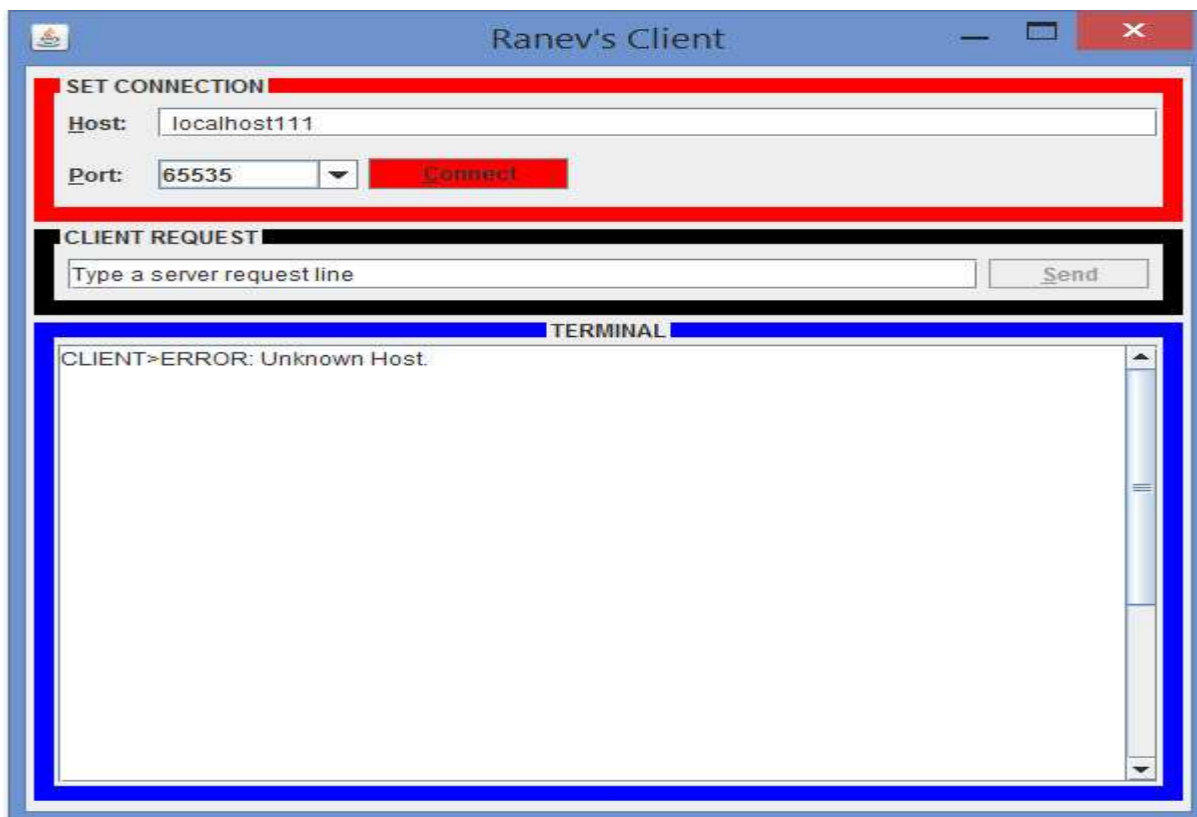
6. Client with Optional Command Parameter String in the Request Line



7. Client Sending a Wrong Command in Request to Server



8. Client Trying to Connect with Wrong Host Name



9. Client Trying to Connect with Wrong Port Number or Server Not-Started

