

Traceroute Server :

```
import java.io.*;

import java.net.*;

@SuppressWarnings("deprecation")

class Traceroute_Server

{

    public static void main(String args[])

    {

        try

        {

            String str;

            System.out.print(" Enter the IP Address to be Traced : ");

            BufferedReader buf1=new BufferedReader(new InputStreamReader(System.in));

            String ip=buf1.readLine();

            Runtime H=Runtime.getRuntime();

            Process p=H.exec("tracert " + ip);

            InputStream in=p.getInputStream();

            BufferedReader buf2=new BufferedReader(new

            InputStreamReader(in));

            while((str=buf2.readLine())!=null)

                System.out.println(" " + str);

        }

        catch(Exception e)

        {

            System.out.println(e.getMessage());

        }

    }

}
```

```
Command Prompt
C:\Users\poove\OneDrive\Desktop\NC_Output>java Traceroute_Server
Enter the IP Address to be Traced : 192.168.56.1

Tracing route to ULTRON [192.168.56.1]
over a maximum of 30 hops:

    1    <1 ms    <1 ms    <1 ms    ULTRON [192.168.56.1]

Trace complete.
C:\Users\poove\OneDrive\Desktop\NC_Output>
```