1. A simple program to print the IP address of the system

Algorithm

1. Import all the required packages net, and io packages
2. Create a class ipclient
3. Initialize InetAddress class and create the object ia.
4. Get the Ip address of the system using getLocalHost() method
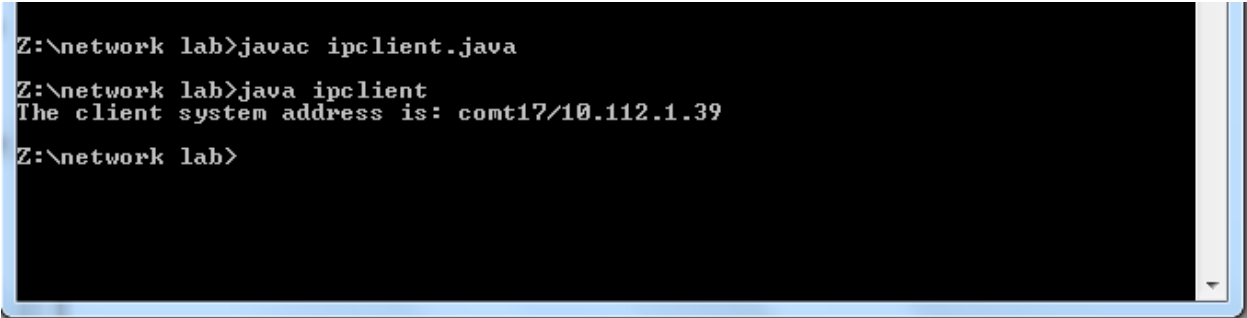5. Print the IP address.

PROGRAM

```
import java.net.*;

import java.io.*;

class ipclient

{

public static void main(String args[])

{

try

{

InetAddress ia=InetAddress.getLocalHost();

System.out.println("The client system address is: "+ia);

}

catch(IOException e)

{

System.out.println("The exception is: "+e);

}

}

}
```

OUTPUT:

```
Z:\network lab>javac ipclient.java

Z:\network lab>java ipclient
The client system address is: comt17/10.112.1.39

Z:\network lab>
```