**Code :- File name = IPDemo**

package com.mycompany.ipdemo;

import java.net.\*;

import java.util.\*;

import java.net.UnknownHostException;

import java.net.InetAddress;

public class IPDemo

{

public static void main(String[] args){

String host;

Scanner ch = new Scanner(System.in);

System.out.print("1.Enter Host Name \n2.Enter IP address \nChoice=");

int choice = ch.nextInt();

if(choice==1)

{

Scanner input = new Scanner(System.in);

System.out.print("\n Enter host name: ");

host = input.nextLine();

try {

InetAddress address = InetAddress.getByName(host);

System.out.println("IP address: " + address.getHostAddress());

System.out.println("Host name : " + address.getHostName());

System.out.println("Host name and IP address: " + address.toString());

}

catch (UnknownHostException ex) {

System.out.println("Could not find " + host);

}

}

else

{

Scanner input = new Scanner(System.in);

System.out.print("\n Enter IP address: ");

host = input.nextLine();

try {

InetAddress address = InetAddress.getByName(host);

System.out.println("Host name : " + address.getHostName());

System.out.println("IP address: " + address.getHostAddress());

System.out.println("Host name and IP address: " + address.toString());

}

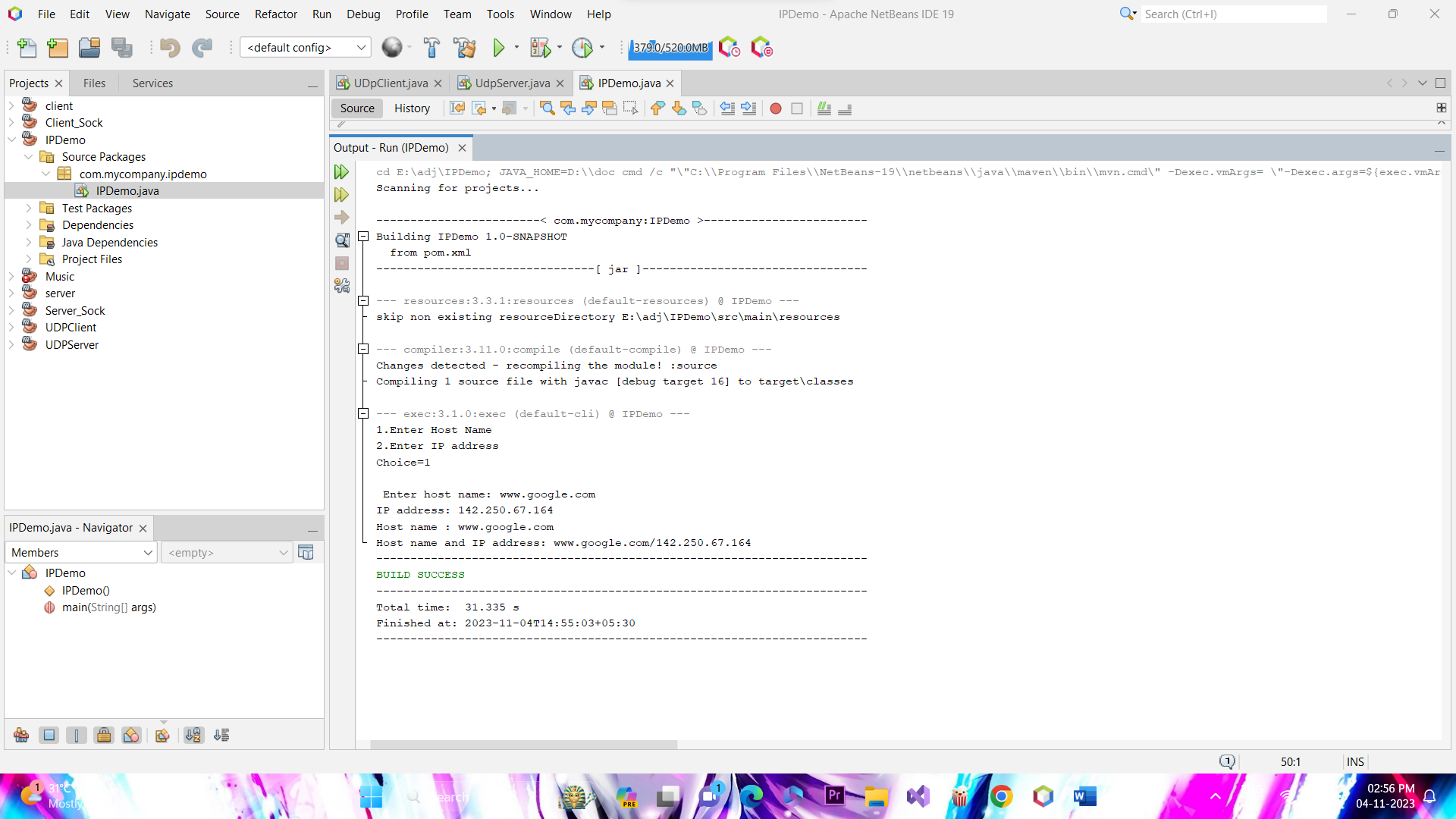
catch (UnknownHostException ex) {

System.out.println("Could not find " + host);

}

}}}

**Output:-**

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