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```java
import java.net.*;
import java.util.*;

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:

```
ubuntu@ubuntu:~$ java Ipdemo.java
1.Enter Host Name
2.Enter IP address
Choice=1

 Enter host name: www.instagram.com
IP address: 57.144.150.34
Host name : www.instagram.com
Host name and IP address: www.instagram.com/57.144.150.34
ubuntu@ubuntu:~$ java Ipdemo.java
1.Enter Host Name
2.Enter IP address
Choice=2

 Enter IP address: 8.8.8.8
Host name : dns.google
IP address: 8.8.8.8
Host name and IP address: dns.google/8.8.8.8
ubuntu@ubuntu:~$ 
```