**Write a program to demonstrate the use of InetAddress class .**

**QUESTIONS:**

1. **WRITE A NOTE ON InetAddress.**
2. **Explain Factory Methods**
3. **What are Instance Methods**

**Program:**

**Code1:**

import java.io.\*;

import java.net.\*;

public class InetDemo{

public static void main(String[] args){

try{

InetAddress ip=InetAddress.getByName("localhost");

System.out.println("Host Name: "+ip.getHostName());

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

}catch(Exception e){System.out.println(e);}

}

}

**Code2:**

import java.io.\*;

import java.net.\*;

public class InetDemo{

public static void main(String[] args){

try{

InetAddress ip=InetAddress.getByName("www.google.com");

System.out.println("Host Name: "+ip.getHostName());

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

}catch(Exception e){System.out.println(e);}

}

}