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Practical No: 14

**1)** **Develop a program using InetAddress class to retrieve IP address of computer when hostname is entered by the user**

**CODE:**

import java.net.\*;  
import java.util.Scanner;  
  
public class Main {  
 public static void main(String[] args) {  
 Scanner scanner = new Scanner(System.*in*);  
  
 System.*out*.print("Enter a hostname (e.g., www.google.com): ");  
 String hostname = scanner.nextLine();  
  
 try {  
 InetAddress[] addresses = InetAddress.*getAllByName*(hostname);  
  
 System.*out*.println("IP addresses for " + hostname + ":");  
 for (InetAddress address : addresses) {  
 System.*out*.println(address.getHostAddress());  
 }  
 } catch (UnknownHostException e) {  
 System.*err*.println("Unable to resolve hostname: " + hostname);  
 }  
  
 scanner.close();  
 }  
}

**OUTPUT:**

