

```

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

public class IPDemo
{
    public static String host,ipaddress;
    public static Scanner input;
    public IPDemo(){
        host = new String();
        ipaddress = new String();
    }

    public static void main(String[] args){
        IPDemo ipdemo = new IPDemo();
        input = new Scanner(System.in);
        int options;
        System.out.println("1.URL to IP");
        System.out.println("2.IP to URL");
        System.out.println("3.Exit");
        System.out.println("Enter Options");
        options = input.nextInt();

        switch (options) {
            case 1:
                ipdemo.URLtoIp();
                break;
            case 2:
                ipdemo.IPtoURL();
                break;
            case 3:
                System.exit(0);
        }
    }

    public void URLtoIp(){
        System.out.print("\n Enter host name: ");
        input.nextLine();
        host = input.nextLine();
        try {
            InetAddress address = InetAddress.getByName(host);
            System.out.println("IP address: " + address.getHostAddress());
        }
        catch (UnknownHostException ex) {
            System.out.println("Could not find ");
        }
    }

    public void IPtoURL(){
        System.out.print("\n Enter IPaddress: ");
        input.nextLine();
        ipaddress = input.nextLine();
        try {
            InetAddress host1 = InetAddress.getByName(ipaddress);
            System.out.println(host1.getHostName());
        }
        catch (UnknownHostException ex) {
            System.out.println("Could not find " );
        }
    }
}

```