**Aim : Write a java program to pass an URL string and display all four element of url string.**

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**URLDemo.java**

import java.util.Scanner;

import java.io.\*;

import java.net.\*;

public class URLDemo {

public static void main(String[] args)

{

try

{

String str="";

Scanner obj=new Scanner(System.in);

System.out.println("URL should be in this format(http://www.example.com//file\_name)");

System.out.print("Enter URL : ");

str=obj.next();

URL url=new URL(str);

System.out.println("Protocol : "+url.getProtocol());

System.out.println("Host Name : "+url.getHost());

System.out.println("Port Number : "+url.getPort());

System.out.println("File Name : "+url.getFile());

}

catch(Exception e)

{

System.out.println(e);

}

}

}

**Output :**

