**Practical no.-**15

**Title:** Write a program to demonstrate the use of URL and URLConnection class and its methods

**Roll No.:**15 **Batch-** A **Date of Performance:** 25/09/2023

**Code- URL Class**

package pract15;

import java.net.\*;

import java.nio.charset.MalformedInputException;

public class URLClassDemo {

public static void main(String[] args)

{

try {

URL hp=new URL("http://www.msbte.org.in");

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

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

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

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

System.out.println("Exit:"+hp.toExternalForm());

} catch (MalformedURLException e) {

e.printStackTrace();

}

}

}

**Output-**

Protocol:http

Port:-1

Host:www.msbte.org.in

File:

Exit:http://www.msbte.org.in

**Code- URLConnection Class**

package pract15;

import java.io.IOException;

import java.net.URL;

import java.net.URLConnection;

public class URLConnectionClassDemo {

public static void main(String[] args) {

try {

URL url = new URL("http://www.msbte.org.in");

URLConnection connection = url.openConnection();

String contentType = connection.getContentType();

System.out.println("Content Type: " + contentType);

System.out.println("Expiration: " + connection.getExpiration());

System.out.println("Last Modified: " + connection.getLastModified());

int contentLength = connection.getContentLength();

System.out.println("Content Length: " + contentLength);

long date = connection.getDate();

System.out.println("Date: " + date);

} catch (IOException e) {

e.printStackTrace();

}

}

}

**Output-**

Content Type: text/html

Expiration: 0

Last Modified: 1695632829000

Content Length: 514370

Date: 1695635699000