Experiment no: 11

3) Demonstrate URLConnection.

import java.net.\*;

import java.io.\*;

import java.util.Date;

class URLConnectionDemo

{

public static void main(String args[]) throws Exception

{

int c;

URL hp = new URL("http://www.tutorialspoint.com/awt/awt\_event\_handling.htm");

URLConnection hpCon = hp.openConnection();

System.out.println("Date: " + new Date(hpCon.getDate()));

System.out.println("Content-Type: " +hpCon.getContentType());

System.out.println("Expires: " + hpCon.getExpiration());

System.out.println("Last-Modified: " +new Date(hpCon.getLastModified()));

int len = hpCon.getContentLength();

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

if (len > 0) {

System.out.println("=== Content ===");

InputStream input = hpCon.getInputStream();

int i = len;

while (((c = input.read()) != -1) && (-i > 0))

{

System.out.print((char) c);

}

input.close();

}

else

{

System.out.println("No Content Available");

}}}

Output:

Date: Sat Feb 21 09:12:57 IST 2015

Content-Type: text/html; charset=UTF-8

Expires: 0

Last-Modified: Thu Jan 01 05:30:00 IST 1970

Content-Length: -1

No Content Available

4)

**Step 1) The content of s.html file**

<html>

<body>

<h1>

hi this is advanced java practical

</h1>

</body>

</html>

**Step2) execute on browser s.html**

**Step 3) Aim : to read the data using getInputStream() method**

**Code**:

import java.net.\*;

import java.io.\*;

public class URLConnectionReader {

public static void main(String[] args) throws Exception {

URL oracle = new URL("file:///F:/Java/jdk1.6.0\_24/bin/s.html");

URLConnection yc = oracle.openConnection();

BufferedReader in = new BufferedReader(new InputStreamReader( yc.getInputStream()));

String inputLine;

while ((inputLine = in.readLine()) != null)

System.out.println(inputLine);

in.close();

}

}

**Step 4) compile and run URLConnectionReader.java**

Output:

F:\Java\jdk1.6.0\_24\bin>javac URLConnectionReader.java

F:\Java\jdk1.6.0\_24\bin>java URLConnectionReader

<html>

<body bgcolor="red">

<h1>

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</h1>

</body>

</html>