Web PROGRAMMING (3160713)



**VVP**

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**Assignment - 1**

1. **Write a TextBrowser to fetch remote web page content using URL and URLConnection class.**

import java.io.InputStream;

import java.net.URL;

import java.net.URLConnection;

import java.util.ArrayList;

import java.util.Scanner;

import java.util.regex.Matcher;

import java.util.regex.Pattern;

public class TextBrowser {

public static void main(String[] args) {

Scanner sc = new Scanner(System.in);

System.out.println("Enter url you want to search : ");

String urls = sc.nextLine();

try {

// URL homepage = new URL("https://www.gtu.ac.in/");

URL homepage = new URL(urls);

URLConnection homepageconnection = homepage.openConnection();

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

System.out.println("Content Encoding : " + homepageconnection.getContentEncoding());

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

InputStream connection = homepageconnection.getInputStream();

int c;

String content = "";

while ((c = connection.read()) != -1) {

content += (char) c;

}

// System.out.println("Content : " + content);

} catch (Exception e) {

System.out.println("Connection Error!");

}

}

}

**LoginController :**

import java.io.IOException;

import java.io.PrintWriter;

import javax.servlet.ServletException;

import javax.servlet.http.Cookie;

import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

import javax.servlet.http.HttpSession;

public class LoginController extends HttpServlet {

protected void processRequest(HttpServletRequest request, HttpServletResponse response)

throws ServletException, IOException {

response.setContentType("text/html;charset=UTF-8");

try (PrintWriter out = response.getWriter()) {

/\* TODO output your page here. You may use following sample code. \*/

String uName = request.getParameter("username");

String pwd = request.getParameter("password");

HttpSession session = request.getSession();

if (uName.equals("admin") && pwd.equals("12345")) {

session.setAttribute("User", "admin");

Cookie c = new Cookie("cookie\_text", "admin");

c.setMaxAge(60 \* 60 \* 24 \* 15);

response.addCookie(c);

response.sendRedirect("table.jsp");

} else {

response.sendRedirect("login.jsp?msg=Something is Wrong, Check you Username and Password and Try Again.");

}

}

}