**Web.xml**

<?xml version="1.0" encoding="UTF-8"?>

<web-app version="3.1" xmlns="http://xmlns.jcp.org/xml/ns/javaee" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:schemaLocation="http://xmlns.jcp.org/xml/ns/javaee http://xmlns.jcp.org/xml/ns/javaee/web-app\_3\_1.xsd">

<servlet>

<servlet-name>StudentInformation</servlet-name>

<servlet-class>StudentServlet</servlet-class>

</servlet>

<servlet-mapping>

<servlet-name>StudentInformation</servlet-name>

<url-pattern>/StudentInformation</url-pattern>

</servlet-mapping>

<welcome-file-list>

<welcome-file>student.html</welcome-file>

</welcome-file-list>

<session-config>

<session-timeout>

30

</session-timeout>

</session-config>

</web-app>

**Student.html**

<!DOCTYPE html>

<!--

To change this license header, choose License Headers in Project Properties.

To change this template file, choose Tools | Templates

and open the template in the editor.

-->

<html>

<head>

<title> STUDENT INFORMATION </title>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

</head>

<body>

<div>

<form method="post" action="StudentInformation">

Registration Number: <input type="text" name="regNo"/>

<input type="submit" value="GetInfo"/>

</form>

</div>

</body>

</html>

**StudentServlet.java**

/\*

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\* To change this template file, choose Tools | Templates

\* and open the template in the editor.

\*/

import java.io.IOException;

import java.io.PrintWriter;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.PreparedStatement;

import java.sql.ResultSet;

import javax.servlet.ServletException;

import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

/\*\*

\*

\* @author student

\*/

public class StudentServlet extends HttpServlet {

/\*\*

\* Processes requests for both HTTP <code>GET</code> and <code>POST</code>

\* methods.

\*

\* @param request servlet request

\* @param response servlet response

\* @throws ServletException if a servlet-specific error occurs

\* @throws IOException if an I/O error occurs

\*/

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 regNo=request.getParameter("regNo");

final String JDBC\_DRIVER = "com.mysql.jdbc.Driver";

final String DB\_URL = "jdbc:mysql://localhost/login;

Connection conn=null;

PreparedStatement stmt=null;

String USER="root";

String PASSWORD="prahlad";

String name = null,sem = null,gpa = null,branch = null;

try

{

Class.forName(JDBC\_DRIVER);

conn = DriverManager.getConnection(DB\_URL,USER,PASSWORD);

String sql="select \* from studentInfo where regNo=?";

stmt=(PreparedStatement) conn.prepareStatement(sql);

stmt.setString(1,regNo);

ResultSet rs=stmt.executeQuery();

if(rs!= null)

{

while(rs.next())

{

name=rs.getString("name");

sem=rs.getString("sem");

gpa=rs.getString("gpa");

branch=rs.getString("branch");

}

}

}

catch(Exception e)

{

System.out.println(e);

}

finally

{

try

{

if(stmt!=null)

conn.close();

}

catch(Exception e1)

{

}

try{

if(conn!=null)

conn.close();

}

catch(Exception e2)

{

}

}

System.out.println(name);

out.println("<!DOCTYPE html>");

out.println("<html>");

out.println("<head>");

out.println("<title>Student Servlet</title>");

out.println("</head>");

out.println("<body>");

out.println("<h1>Student Info</h1>");

out.println("<table border='2'> <tr> <th> Name </th> <th> sem </th> <th> gpa </th> <th> branch </th> </tr>");

out.println("<tr><td>"+Name+"</td><td>"+Sem+"</td><td>"+CGPA+"</td><td>"+Branch+"</td></tr></table>");

out.println("</body>");

out.println("</html>");

}

}

// <editor-fold defaultstate="collapsed" desc="HttpServlet methods. Click on the + sign on the left to edit the code.">

/\*\*

\* Handles the HTTP <code>GET</code> method.

\*

\* @param request servlet request

\* @param response servlet response

\* @throws ServletException if a servlet-specific error occurs

\* @throws IOException if an I/O error occurs

\*/

@Override

protected void doGet(HttpServletRequest request, HttpServletResponse response)

throws ServletException, IOException {

processRequest(request, response);

}

/\*\*

\* Handles the HTTP <code>POST</code> method.

\*

\* @param request servlet request

\* @param response servlet response

\* @throws ServletException if a servlet-specific error occurs

\* @throws IOException if an I/O error occurs

\*/

@Override

protected void doPost(HttpServletRequest request, HttpServletResponse response)

throws ServletException, IOException {

processRequest(request, response);

}

/\*\*

\* Returns a short description of the servlet.

\*

\* @return a String containing servlet description

\*/

@Override

public String getServletInfo() {

return "Short description";

}// </editor-fold>

}