**“Experiment 9”**

Student Name: **SUMIT KUMAR** UID: **20BCS8226**

Branch: **CSE** Section/Group: **808-A**

Semester: **5** Date of Submission: **06-11-22**

Subject Name: **PBLJ Lab** Subject Code: **20CSP-321**

**Aim:**

Create a Servlet/ application with a facility to print any message on web browser.

**Minimum Hardware Requirements:**

* 2 GHz CPU or 1 virtual CPU in virtualized environments.
* 1 GB of RAM.
* 4 GB of storage.

**Minimum Software Requirements:**

|  |  |
| --- | --- |
| **Software** | **Version** |
| * OS | * Mac OS 10.15, HP-UX 11i V3, AIX 7.2, Windows Server 2019, Windows 10, Solaris 11.3, Red Hat Enterprise Linux 8.1, Ubuntu Server 20.04 |
| * JDK * Server | * JDK 1.8.0, JDK 11, Ellipse IDE, Net, NetBeans 8.2 * Apache tomcat, Glassfish server, WebLogic server, web sphere, Jbos server |

**Source Code:**

// Save: Register.java

importjava.io.\*;

importjavax.servlet.\*;

importjavax.servlet.http.\*;

importjava.sql.\*;

publicclassRegisterextendsHttpServlet {

protectedvoiddoPost(HttpServletRequest request, HttpServletResponse response)

throwsServletException, IOException {

response.setContentType("text/html;charset=ISO-8859-1");

PrintWriter out=response.getWriter();

String n=request.getParameter("name");

String s=request.getParameter("uid");

try{

Class.forName("com.mysql.jdbc.Driver");

Connection con = DriverManager.getConnection(

"jdbc:mysql://localhost:3306/shivam" ,"root","shivam!6404");

PreparedStatementps=con.prepareStatement("insert into User values(?,?)");

ps.setString(1, n);

ps.setString(2, s);

inti=ps.executeUpdate();

if(i>0)

out.print("You are Successfully registered...." + n);

out.print("Your uid is:"+s);

}

catch(Exception e2){

out.print(e2);

System.out.println(e2);

}

out.close();

}

}

<! ---- index.html --- >

<html>

<head>

<title>Register form</title></head>

<body>

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

Name:<input type="text" name="name" /><br/>

UID:<input type="text" name="uid" /><br/>

Password:<input type="password" name="pass" /><br/>

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

</form>

</body>

</html>

<!-----web.xml---🡪

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

<web-app

xmlns:xsi="http://www.w3.org/2001/XMLSchemainstance"xmlns="http://java.sun.com/xml/ns/j

avaee"xsi:schemaLocation="http://java.sun.co

m/xml/ns/javaee http://java.sun.com/xml/ns/javaee/web-app\_2\_5.xsd" version="2.5">

<servlet>

<servlet-name>Register</servlet-name>

<servlet-class>Register</servlet-class>

</servlet>

<servlet-mapping>

<servlet-name>Register</servlet-name>

<url-pattern>/Register</url-pattern>

</servlet-mapping>

<welcome-file-list>

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

</welcome-file-list>

</web-app>

**Output:**

