# PRACTICAL 6(B) – JSP REGISTRATION FORM

## AIM

To design and develop a Registration Form using JSP to collect and display user information.

## SOFTWARE REQUIREMENTS

• Operating System: Windows / Linux
• JDK: Version 7 or 8
• NetBeans IDE 7.x
• Apache Tomcat Server

## THEORY

JavaServer Pages (JSP) is a server-side technology used to create dynamic web pages. A JSP page can accept user input through HTML forms and process the data using request objects. In this practical, a registration form is designed using JSP to collect user details and display them on submission.

## ASSUMPTIONS

The registration form collects the following details:
• Name
• Email ID
• Password
• Gender
• Course
• Address

## SOURCE CODE – registration.jsp

```
<html>
<head>
<title>Registration Form</title>
</head>
<body>
<h2>User Registration Form</h2>
<form action="display.jsp" method="post">
Name: <input type="text" name="name" required><br><br>
Email: <input type="email" name="email" required><br><br>
Password: <input type="password" name="password" required><br><br>
Gender:
<input type="radio" name="gender" value="Male">Male
<input type="radio" name="gender" value="Female">Female<br><br>
Course:
<select name="course">
<option>MCA</option>
<option>BCA</option>
<option>BSc IT</option>
</select><br><br>
Address:<br>
```

```
<textarea name="address"></textarea><br><br>
<input type="submit" value="Register">
</form>
</body>
</html>
```

## SOURCE CODE – display.jsp

```
<html>
<body>
<h2>Registration Details</h2>
<%
String name = request.getParameter("name");
String email = request.getParameter("email");
String password = request.getParameter("password");
String gender = request.getParameter("gender");
String course = request.getParameter("course");
String address = request.getParameter("address");
%>

Name: <%= name %><br>
Email: <%= email %><br>
Password: <%= password %><br>
Gender: <%= gender %><br>
Course: <%= course %><br>
Address: <%= address %><br>

</body>
</html>
```

## NETBEANS 7 – DETAILED EXECUTION STEPS

1. Open NetBeans IDE 7
2. Click File → New Project
3. Select Java Web → Web Application → Next
4. Project Name: RegistrationForm
5. Select Apache Tomcat Server
6. Click Finish
7. Right-click Web Pages → New → JSP
8. Create registration.jsp and paste the code
9. Create display.jsp and paste the code
10. Right-click project → Run
11. Fill the form and submit to view output

## OUTPUT

User entered registration details are displayed on the next JSP page after form submission.

## RESULT

Thus, a Registration Form using JSP was successfully designed and executed.