
 <b>Marwadi University</b> Marwadi Chandarana Group 	<b>Marwadi University</b> <b>Faculty of Technology</b> <b>Department of Information and Communication Technology</b>	
<b>Subject: Advanced Java</b> <b>(01CT1623)</b>	<b>Aim:</b> Gets two numbers in html page from the user and submit that numbers in jsp page, print appropriate output using methods. (JSP)	
<b>Experiment :- 8</b>	<b>Date:- 03-01-2025</b>	<b>Enrollment No:- 92200133003</b>

CODE :

#### INDEX.html

```
<!DOCTYPE html>
<html>
<head>
    <title>Number Submission</title>
</head>
<body>
    <h2>Enter Two Numbers</h2>
    <form action="process.jsp" method="get">
        <label for="num1">Number 1:</label>
        <input type="text" id="num1" name="num1" required><br><br>

        <label for="num2">Number 2:</label>
        <input type="text" id="num2" name="num2" required><br><br>

        <input type="submit" value="Submit">
    </form>
</body>
</html>
```



#### Process.jsp

```
<%@ page language="java" contentType="text/html; charset=UTF-8" pageEncoding="UTF-8" %>
<!DOCTYPE html>
<html>
<head>
    <title>Calculation Results</title>
</head>
<body>
    <%
        // Fetch user inputs
        String num1Str = request.getParameter("num1");
        String num2Str = request.getParameter("num2");

        // Validate inputs
        if (num1Str != null && num2Str != null) {
            try {
                int num1 = Integer.parseInt(num1Str);
                int num2 = Integer.parseInt(num2Str);

                // Perform calculations
                int sum = addNumbers(num1, num2);
                int difference = subtractNumbers(num1, num2);
                int product = multiplyNumbers(num1, num2);
                double quotient = divideNumbers(num1, num2);

                %>
                <h2>Results:</h2>
                <p>Sum: <%= sum %></p>
                <p>Difference: <%= difference %></p>
                <p>Product: <%= product %></p>
                <p>Quotient: <%= quotient %></p>
                <%
            } catch (NumberFormatException e) {
                out.println("<p style='color:red;'>Invalid input. Please enter numeric values.</p>");
            }
        }
    %>
```

 <b>Marwadi University</b> Marwadi Chandarana Group 	<b>Marwadi University</b> <b>Faculty of Technology</b> <b>Department of Information and Communication Technology</b>	
<b>Subject: Advanced Java</b> <b>(01CT1623)</b>	<b>Aim:</b> Gets two numbers in html page from the user and submit that numbers in jsp page, print appropriate output using methods. (JSP)	
<b>Experiment :- 8</b>	<b>Date:- 03-01-2025</b>	<b>Enrollment No:- 92200133003</b>

```

<!-- Declare Methods Correctly -->
<%!
    public int addNumbers(int a, int b) {
        return a + b;
    }

    public int subtractNumbers(int a, int b) {
        return a - b;
    }

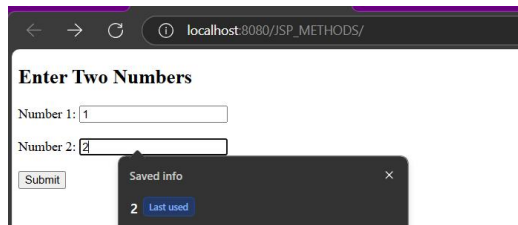
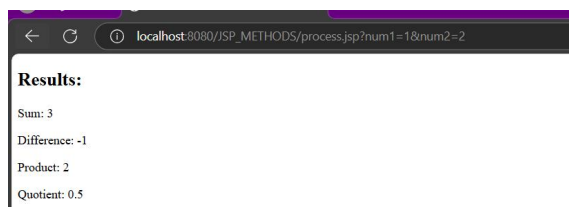
    public int multiplyNumbers(int a, int b) {
        return a * b;
    }

    public double divideNumbers(int a, int b) {
        if (b == 0) {
            return 0; // Handling division by zero
        }
        return (double) a / b;
    }
%>
</body>
</html>

```

## OUTPUT :

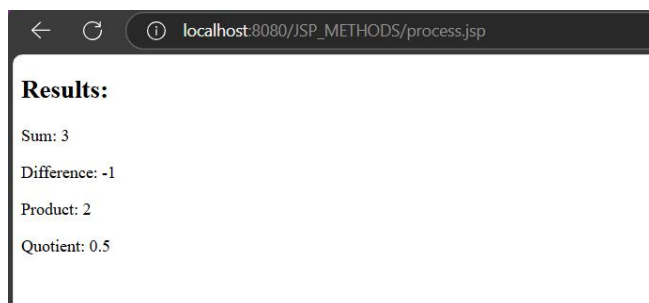
### GET method:

**Results:**

Sum: 3  
Difference: -1  
Product: 2  
Quotient: 0.5

### POST Method



**Results:**

Sum: 3  
Difference: -1  
Product: 2  
Quotient: 0.5