CODE:

```html
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <title>Simple Calculator</title>
</head>
<body>
  <form method="post">
    First Number: <input type="number" name="first" required><br>
    Second Number: <input type="number" name="second" required><br>
    Operation:
    <select name="operation">
      <option value="+">+</option>
      <option value="-">-</option>
      <option value="*">*</option>
      <option value="/">/</option>
    </select>
    <br>
    <input type="submit" value="Calculate">
  </form>

  <h3>Answer is:
    <%
      String num1 = request.getParameter("first");
      String num2 = request.getParameter("second");
      String operation = request.getParameter("operation");
      if (num1 != null && num2 != null && operation != null) {
        try {
          double first = Double.parseDouble(num1);
          double second = Double.parseDouble(num2);
          double result = 0;

          switch (operation) {
            case "+": result = first + second; break;
            case "-": result = first - second; break;
            case "*": result = first * second; break;
            case "/":
              if (second != 0) {
                result = first / second;
              } else {
                out.println("Error: Division by zero is not allowed.");
                return;
              }
              break;
          }
          out.println(result);
        } catch (NumberFormatException e) {
          out.println("Error: Please enter valid numbers.");
        }
      }
    %>
  </h3>
</body>
</html>
```

	Marwadi University **Faculty of Technology** **Department of Information and Communication Technology**
Subject: Advanced Java (01CT1623)	**Aim:Arithmatic Operations using JSP**
Experiment :- 7	**Date:- 01**-04-2025 **Enrollment No:-** 92200133003

OUTPUT

First Number: 1
Second Number: 2
Operation: + ▾
Calculate

Answer is: 3.0

First Number: 1
Second Number: 2
Operation: + ▾
Calculate

Answer is: -1.0

localhost:8080/Calculator_JSP/calculator.jsp

First Number: 1
Second Number: 2
Operation: + ▾
Calculate

Answer is: 2.0

localhost:8080/Calculator_JSP/calculator.jsp

First Number: 1
Second Number: 2
Operation: + ▾
Calculate

Answer is: 0.5