

```
<!DOCTYPE html>
<html lang="en">
<head>
  <link rel="stylesheet" href="./style.css">
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Simple Calculator</title>
  <style>
    .calculator {
      width: 300px;
      margin: 0 auto;
      text-align: center;
    }
  </style>
</head>
<body>
  <div class="calculator">
    <h2>Simple Calculator</h2>
    <input type="number" id="num1" placeholder="Enter first number">
    <select id="operator">
      <option value="add">+</option>
      <option value="subtract">-</option>
      <option value="multiply">*</option>
      <option value="divide">/</option>
    </select>
    <input type="number" id="num2" placeholder="Enter second number">
    <button onclick="calculate()">Calculate</button>
    <p id="result">Result: </p>
  </div>

  <script>
    function calculate() {
      const num1Input = document.getElementById('num1');
      const num2Input = document.getElementById('num2');
      const resultDisplay = document.getElementById('result');
      const operatorSelect = document.getElementById('operator');

      const num1 = parseFloat(num1Input.value);
      const num2 = parseFloat(num2Input.value);
      const operator = operatorSelect.value;
```

```
    let result;

    switch (operator) {
      case 'add':
        result = num1 + num2;
        break;
      case 'subtract':
        result = num1 - num2;
        break;
      case 'multiply':
        result = num1 * num2;
        break;
      case 'divide':
        if (num2 !== 0) {
          result = num1 / num2;
        } else {
          result = 'Infinity'; // Division by zero
        }
        break;
      default:
        result = 'Invalid operator';
    }

    if (isNaN(result)) {
      resultDisplay.textContent = 'Invalid input or operation';
    } else {
      resultDisplay.textContent = 'Result: ' + result;
    }
  }
</script>
</body>
</html>
```

//CSS

```
.calculator {
  width: 300px;
  margin: 50px auto;
```

```
padding: 20px;
border: 1px solid #ccc;
border-radius: 5px;
text-align: center;
}

input[type="number"],
select {
    margin: 10px;
    padding: 5px;
}

button {
    padding: 10px 20px;
    background-color: #007bff;
    color: #fff;
    border: none;
    border-radius: 5px;
    cursor: pointer;
}

button:hover {
    background-color: #0056b3;
}

#result {
    font-weight: bold;
}
```

Simple Calculator

Result: 155