

```
import java.util.Scanner;

public class ArithmeticCalculator {
    public static void main(String[] args) {
        Scanner scanner = new Scanner(System.in);

        System.out.print("Enter the first number: ");
        double num1 = scanner.nextDouble();

        System.out.print("Enter the second number: ");
        double num2 = scanner.nextDouble();

        System.out.print("Enter the operator (+, -, *, /): ");
        char operator = scanner.next().charAt(0);

        double result = 0.0;

        switch (operator) {
            case '+':
                result = num1 + num2;
                break;
            case '-':
                result = num1 - num2;
                break;
            case '*':
                result = num1 * num2;
                break;
            case '/':
                if (num2 != 0) {
                    result = num1 / num2;
                } else {
```

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        System.out.println("Error: Division by zero is not allowed.");
        System.exit(0);
    }
    break;
default:
    System.out.println("Error: Invalid operator.");
    System.exit(0);
}

System.out.println("Result: " + result);

scanner.close();
}
}
```