

```
package mphasis;

import java.util.Scanner;

public class Airthamatic {

    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 operation (+, -, *, /): ");

        char operation = scanner.next().charAt(0);

        double result;

        switch (operation) {

            case '+':

                result = num1 + num2;

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

                break;

            case '-':

                result = num1 - num2;

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

                break;

            case '*':

                result = num1 * num2;

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

    case '/':

        if (num2 != 0) {

            result = num1 / num2;

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

        } else {

            System.out.println("Error: Cannot divide by

zero");

        }

        break;

    default:

        System.out.println("Error: Invalid operation");

        break;

}

scanner.close();

}}
```