import java.util.Scanner;

public class Calculator {

public static void main(String[] args) {

Scanner scanner = new Scanner(System.in);

System.out.println("Welcome to the Calculator App!");

System.out.print("Enter the first number: ");

double num1 = scanner.nextDouble();

System.out.print("Enter the second number: ");

double num2 = scanner.nextDouble();

System.out.println("Select the operation you want to perform:");

System.out.println("1. Addition (+)");

System.out.println("2. Subtraction (-)");

System.out.println("3. Multiplication (\*)");

System.out.println("4. Division (/)");

System.out.print("Enter your choice (1/2/3/4): ");

int choice = scanner.nextInt();

switch (choice) {

case 1:

System.out.println("Result: " + add(num1, num2));

break;

case 2:

System.out.println("Result: " + subtract(num1, num2));

break;

case 3:

System.out.println("Result: " + multiply(num1, num2));

break;

case 4:

if (num2 != 0) {

System.out.println("Result: " + divide(num1, num2));

} else {

System.out.println("Error: Division by zero is not allowed");

}

break;

default:

System.out.println("Invalid choice");

}

}

public static double add(double num1, double num2) {

return num1 + num2;

}

public static double subtract(double num1, double num2) {

return num1 - num2;

}

public static double multiply(double num1, double num2) {

return num1 \* num2;

}

public static double divide(double num1, double num2) {

return num1 / num2;

}

}