

```
import java.util.Scanner;

public class MethodCalculator
{
    // Method for addition
    public static double add(double a, double b)
    {
        return a + b;
    }

    // Method for subtraction
    public static double subtract(double a, double b)
    {
        return a - b;
    }

    // Method for multiplication
    public static double multiply(double a, double b)
    {
        return a * b;
    }

    // Method for division
    public static double divide(double a, double b)
    {
        if (b == 0)
        {
            System.out.println("Error: Cannot divide by zero!");
            return 0;
        }
        return a / b;
    }

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

        System.out.println("----- Simple Java Calculator -----");

        System.out.print("Enter first number: ");
        double num1 = sc.nextDouble();
    }
}
```

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

System.out.println("Choose operation (+, -, *, /): ");
char op = sc.next().charAt(0);

double result = 0;

    if (op == '+')
{
    result = add(num1, num2);
}
else if (op == '-')
{
    result = subtract(num1, num2);
}
else if (op == '*')
{
    result = multiply(num1, num2);
}
else if (op == '/')
{
    result = divide(num1, num2);
}
else
{
    System.out.println("Invalid operation!");
    return;
}

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