**Simple Calculator**

import java.util.Scanner;

public class SimpleCalculator {

public static void main(String[] args) {

Scanner sc = new Scanner(System.in);

double a, b, result;

char operator;

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

a = sc.nextDouble();

System.out.print("Enter operator (+, -, \*, /): ");

operator = sc.next().charAt(0);

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

b = sc.nextDouble();

switch (operator) {

case '+':

result = a + b;

break;

case '-':

result = a - b;

break;

case '\*':

result = a \* b;

break;

case '/':

if (b == 0) {

System.out.println("Error: Division by zero");

return;

}

result = a / b;

break;

default:

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

return;

}

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

}

}