import java.util.Scanner;

public class SimpleCalculator {

public static void main(String[] args) {

Scanner sc = new Scanner(System.in);

// Prompt user for input

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

double num1 = sc.nextDouble();

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

double num2 = sc.nextDouble();

System.out.println("Enter operation (+, -, \*, /):");

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

double result = 0.0;

// Perform operation based on user input

switch (operator) {

case '+':

result = num1 + num2;

break;

case '-':

result = num1 - num2;

break;

case '\*':

result = num1 \* num2;

break;

case '/':

if (num2 == 0) {

System.out.println("Error: Cannot divide by zero");

} else {

result = num1 / num2;

}

break;

default:

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

break;

}

// Display result

if (operator == '/' && num2 == 0) {

// Do nothing, error message already printed

} else {

System.out.println(num1 + " " + operator + " " + num2 + " = " + result);

}

sc.close();

}

}

Output :

