Source Code

**import** java.util.Scanner;

**public** **class** Calculator {

**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("Choose an operation (+, -, \*, /): ");

**char** operator = scanner.next().charAt(0);

**double** result = 0.0;

**switch** (operator) {

**case** '+':

result = num1 + num2;

**break**;

**case** '-':

result = num1 - num2;

**break**;

**case** '\*':

result = num1 \* num2;

**break**;

**case** '/':

**if** (num2 != 0) {

result = num1 / num2;

} **else** {

System.***out***.println("Cannot divide by zero!");

**return**;

}

**break**;

**default**:

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

**return**;

}

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

}

}