**package** Basic;

**import** java.util.Scanner;

**public** **class** **BasicArithmeticOperations** {

**public** **static** **void** **main**(**String**[] args) {

**Scanner** **scanner** = **new** Scanner(**System**.***in***);

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

**int** **num1**= scanner.nextInt();

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

**int** **num2**= scanner.nextInt();

**int** **sum** = num1+num2;

**int** **difference** = num1-num2;

**int** **product** = num1\*num2;

**int** **quotient** = 0;

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

quotient = num1/num2;

}

**else** {

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

}

**System**.***out***.println("Addition: " + num1 + " + " + num2 + " = " + sum);

**System**.***out***.println("Subtraction: " + num1 + " - " + num2 + " = " + difference);

**System**.***out***.println("Multiplication: " + num1 + " \* " + num2 + " = " + product);

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

**System**.***out***.println("Division: " + num1 + " / " + num2 + " = " + quotient);

}

scanner.close();

}}