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

int firstNumber = sc.nextInt();

// Enter the second number

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

int secondNumber = sc.nextInt();

System.out.print("Enter the type of operation you want to perform (+, -, \*, /, %): ");

String operation = sc.next();

int result = performOperation(firstNumber, secondNumber, operation);

System.out.println("Your answer is: " + result);

}

public static int performOperation(int firstNumber, int secondNumber, String operation)

{

int result = 0;

// perform addition operation

if (operation.equals("+")) {

result = firstNumber + secondNumber;

}

// perform subtraction operation

else if (operation.equals("-")) {

result = firstNumber - secondNumber;

}

// perform multiplication operation

else if (operation.equals("\*")) {

result = firstNumber \* secondNumber;

}

// perform remainder operation

else if (operation.equals("%")) {

result = firstNumber % secondNumber;

}

// perform deivider operation

else if (operation.equals("/")) {

result = firstNumber / secondNumber;

}

// invalid operation

else {

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

}

return result;