package com.simpliLearn.first;  
  
import java.util.Scanner;  
public class Calculater {  
  
 public static void main (String a[]){  
 int num1;  
 int num2;  
 int result;  
 char op;  
 char cont;  
 System.*out*.println("\*\*\*\*Welcome to simple calculator\*\*\*\*\*\*");  
 Scanner sc = new Scanner(System.*in*);  
  
 while (true) {  
 System.*out*.println("Please Enter the first number :");  
 num1 = sc.nextInt();  
 System.*out*.println("Please Enter the second number :");  
 num2 = sc.nextInt();  
 System.*out*.println("Please Enter the Operator :");  
 op = sc.next().charAt(0);  
  
 switch (op) {  
 case '+':  
 result = num1 + num2;  
 System.*out*.println(num1 + " + " + num2 + " = " + result);  
 break;  
  
 case '-':  
 result = num1 - num2;  
 System.*out*.println(num1 + " - " + num2 + " = " + result);  
 break;  
  
 case '/':  
 if (num2 == 0)  
 System.*out*.println("Invalid input");  
 else {  
 result = num1 / num2;  
 System.*out*.println(num1 + " / " + num2 + " = " + result);  
 }  
 break;  
  
 case '\*':  
 result = num1 \* num2;  
 System.*out*.println(num1 + " \* " + num2 + " = " + result);  
 break;  
  
 default:  
 System.*out*.println("Please enter valid operator");  
 System.*out*.println(" + for Addition, - for Subtraction, \* for multiplication and / for division");  
 }  
 System.*out*.println("Please Enter the Y to continue :");  
 cont = sc.next().charAt(0);  
 if ((cont=='Y')||(cont=='y'))  
 continue;  
 else {  
 System.*out*.println("\*\*\*\*\*\*\*\*\*Thank you\*\*\*\*\*\*\*");  
 break;  
 }  
 }  
  
  
 }  
}