**package nonassisted;**

**public class calculator {**

**public int add(int a,int b) {**

**int c;**

**c=a+b;**

**return c;**

**}**

**public int subtract(int a,int b) {**

**int c;**

**c=a-b;**

**return c;**

**}**

**public int multiply(int a,int b) {**

**int c;**

**c=a\*b;**

**return c;**

**}**

**public int divide(int a,int b) {**

**int d= a/b;**

**return d;**

**}**

**}**

**package nonassisted;**

**import java.util.Scanner;**

**public class calculatordrive {**

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

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

**calculator obj=new calculator();**

**System.*out*.println("Enter the 2 numbers ");**

**int a,b,choice,r=0;**

**a=sc.nextInt();**

**b=sc.nextInt();**

**System.*out*.println("Choose operation among 1-Addition 2-Subtraction 3-Multiplication 4-Division");**

**choice=sc.nextInt();**

**switch(choice) {**

**case 1:r= obj.add(a, b);**

**System.*out*.println("The sum is "+r);**

**break;**

**case 2:r=obj.subtract(a, b);**

**System.*out*.println("The difference is "+r);**

**break;**

**case 3:r=obj.multiply(a, b);**

**System.*out*.println("The product is "+r);**

**break;**

**case 4:r=obj.divide(a, b);**

**System.*out*.println("The quotient is "+r);**

**break;**

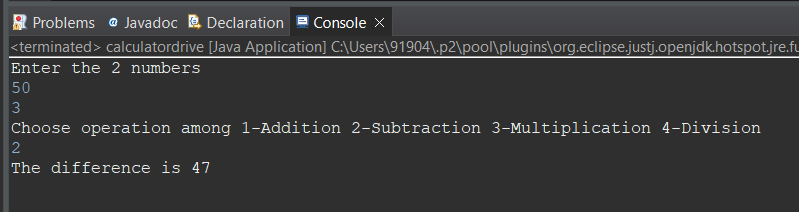
**default:System.*out*.println("Choose valid option");**

**}**

**}**

**}**

**Solution**

****