|  |
| --- |
| import java.util.\*; |
|  |  |
|  | interface Calculator { |
|  | double cal(int x, int y); |
|  | } |
|  |  |
|  | public class Assignment4Q1 { |
|  | Calculator add = (a, b) -> a + b; |
|  | Calculator sub = (a, b) -> a - b; |
|  | Calculator mul = (a, b) -> a \* b; |
|  | Calculator div = (a, b) -> (double)a / b; |
|  |  |
|  | public double addition(int num1, int num2) { |
|  | return add.cal(num1,num2); |
|  | } |
|  |  |
|  | public double subtraction(int num1, int num2) { |
|  | return sub.cal(num1,num2); |
|  | } |
|  |  |
|  | public double multiplication(int num1, int num2) { |
|  | return mul.cal(num1,num2); |
|  | } |
|  |  |
|  | public double division(int num1, int num2) { |
|  | return div.cal(num1,num2); |
|  | } |
|  |  |
|  | public static void main(String[] args) { |
|  | Scanner sc = new Scanner(System.in); |
|  | System.out.println("Enter two numbers: "); |
|  | int a = sc.nextInt(); |
|  | int b = sc.nextInt(); |
|  | Assignment4Q1 ob=new Assignment4Q1(); |
|  | System.out.println(ob.addition(a, b)); |
|  | System.out.println(ob.subtraction(a, b)); |
|  | System.out.println(ob.multiplication(a, b)); |
|  | System.out.println(ob.division(a, b)); |
|  | sc.close(); |
|  |  |
|  | } |
|  | } |