|  |
| --- |
| import java.util.\*; |
|  | abstract class NumInput{ |
|  | int a; |
|  | int b; |
|  | } |
|  | abstract class Calculator extends NumInput{ |
|  | public abstract void add(int a,int b); |
|  | public abstract void subtract(int a,int b); |
|  | public abstract void multiply(int a,int b); |
|  | public abstract void divide(int a,int b); |
|  |  |
|  | } |
|  | public class Assignment2Q4 extends Calculator { |
|  | @Override |
|  | public void add(int a,int b) { |
|  | System.out.println("Addition: "+(a+b)); |
|  | } |
|  | public void subtract(int a,int b) { |
|  | System.out.println("Subtraction: "+(a-b)); |
|  | } |
|  | public void multiply(int a,int b) { |
|  | System.out.println("Multiplication: "+(a\*b)); |
|  | } |
|  | public void divide(int a,int b) { |
|  | System.out.println("Division: "+(a/b)); |
|  | } |
|  |  |
|  | public static void main(String[] args) { |
|  | int a,b; |
|  | Scanner sc=new Scanner(System.in); |
|  | System.out.println("Enter Two Integers: "); |
|  | a=sc.nextInt(); |
|  | b=sc.nextInt(); |
|  | Calculator cal=new Assignment2Q4(); |
|  | cal.add(a,b); |
|  | cal.subtract(a, b); |
|  | cal.multiply(a, b); |
|  | cal.divide(a, b); |
|  |  |
|  | } |
|  |  |
|  | } |