Assignment-2

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Calculator.java

```
Public class calculator {
   int add (int a, int b)
      return a+b;
   }
   int add (int a, int b, int c){
        return a+b+c;
   }
   double add (double a, double b) {
      return  a + b;
   }
   int sub (int a, int b) {
      return a-b;
   }
   int sub (int a, int b, int c){
      return a-b-c;
   }
   double sub (double a, double b){
      return a-b;
   }
   int multiply ( int a, int b){
      return a*b;
   }
   int multiply(int a, int b, int c){
      return a*b*c;
   }
   double multiply (double a, double b){
      if (b==0){
         System.out.println("Denominator should be greater than zero");
      } return 0;
```

```
        return a/b;
    }
    double divide(double a, double b){
        if(b==0.0){
            System.out.println("Denominator should be greater than
            zero");
            return 0.0;
        }
    }

    public static void main(String[] args){
        Calculator obj = new Calculator();

        System.out.println("Add two ints:" + obj.add(5,10));
        System.out.println("Add three ints:" + obj.add(5,10,15));
        System.out.println("Add two doubles:" + obj.add(5.0,10.0));
        System.out.println("Subtract two ints:" + obj.Sub(20,12));
        System.out.println("Subtract two doubles:" + obj.Sub(20.5,10.5));
        System.out.println("Multiply two ints: " + obj.multiply(2,3));
        System.out.println("Multiply three ints: " + obj.multiply(2,3,7));
        System.out.println("Divide two ints: " + obj.divide(10,2));
        System.out.println("Divide two doubles:" + obj.divide(10.0,2.0));
    }
}
```