Assignment-2
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```
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)
{
    return a*b;
}
int divide (int a, int b)
{
    if(b==0){
System.out.println("denominator should be greaterthanzero");
    }
    return a/b;
}
    double divide (double a, double b)
    {
     if(b== 0.0){
System.out.println("denominator should be greaterthanzero");
    }
        return a/b;
    }
}
class Main {
    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 int"+ obj.sub(20,12));
```

```
System.out.println("subtract two doubles" + obj.sub(20.5,10.5));
System.out.println("multiply two int" + obj.multiply(2,3));
System.out.println("multiply three int" + obj.multiply(2,3,4));
System.out.println("Divide two int:" + obj.divide(10,2));
System.out.println("Divide two doubles:" + obj.divide(10.0,2.0));
    }
}
```