Challenge 3: Implement a Calculator Class

In this exercise, you have to implement a calculator which can perform addition, subtraction, multiplication, and division.

WE'LL COVER THE FOLLOWING

Problem Statement

Write a Python **class** called `Calculator` by completing the tasks below:

Task 1

Initializer

Implement an initializer to initialize the values of `num1` and `num2`.

Properties

- `num1`
- `num2`

Task 2

Methods

Methods #

- `add()`, a *method* which returns the sum of `num1` and `num2`.
- `subtract()`, a *method* which returns the subtraction of `num1` from `num2`.
- `multiply()`, a *method* which returns the product of `num1` and `num2`.
- `divide()`, a *method* which returns the division of `num2` by `num1`.

Input

Pass numbers (integers or floats) in the initializer.

Output

addition, subtraction, division, and multiplication

Sample Input

```
obj = Calculator(10, 94);
obj.add()
obj.subtract()
obj.multiply()
obj.divide()
```

Sample Output

```
104
84
940
9.4
```

Coding Exercise

First, take a close look and design a step-by-step algorithm before jumping to the implementation. This problem is designed for your practice, so initially try to solve it on your own. If you get stuck, you can always refer to the solution provided in the solution review.

Good luck!

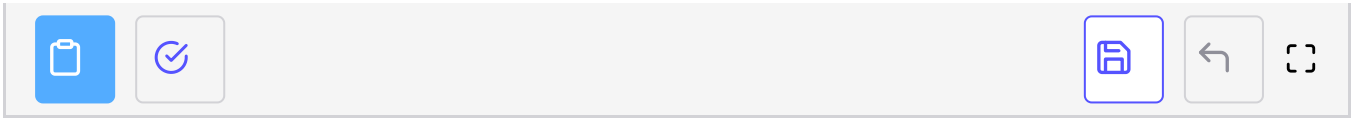
```
class Calculator:
    def __init__(self):
        pass
```

```
    def add(self):
        pass


    def subtract(self):
        pass

    def multiply(self):
        pass

    def divide(self):
        pass
```



The solution will be explained in the next lesson.