

Solution Review: Calculate the Student's Total Marks

This review provides a detailed analysis to solve the 'Calculate the Student's Total Marks' challenge.

We'll cover the following ^

- Solution
- Explanation

Solution

```
1 class Student {
2
3     // Private fields
4     private String name;
5     private double mark1;
6     private double mark2;
7
8     // Default Constructor
9     public Student() {
10         name = "";
11         mark1 = 0;
12         mark2 = 0;
13     }
14
15     // Parameterized Constructor
16     public Student(String name, double mark1, double mark2) {
17         this.name = name;
18         this.mark1 = mark1;
19         this.mark2 = mark2;
20     }
21
22     // Getter Function
23     public double getMarks(int markNumber) {
24
25         if(markNumber == 1)
26             return mark1;
27         else if(markNumber == 2)
28             return mark2;
29         return 0;
30     }
31 }
```



Explanation

- Defined the class fields `mark1`, `mark2` and `name` as private.
 - Defined the constructor and assigned parameters to the respective fields.
 - Then, defined an overloaded constructor.
 - Defined the `getMarks()` method inside the class
 - Finally, wrote the `calcTotal()` function using `mark1` and `mark2`
-

In the next challenge, we'll solve another problem of implementing a calculator class.