

## Exercise 2: Students Average Marks

In this exercise, you have to calculate a student's average marks using the concept of Classes

We'll cover the following ^

- Problem Statement

### Problem Statement #

Write a C++ **class** called `Student` with

- **private** *member variables*:
  - `name` (`string` type),
  - `mark1` and `mark2` (`float` type)

And *member functions*:

- `GetMarks(int marknumber)`, a *function* which should return `mark1` if `marknumber` equals `1` and `mark2` otherwise.
- `calc_average()` *function* should take the **two** marks entered and *return* their **average**.

Also *define* **two** *constructors*:

- A *default constructor* that takes **no** *parameters* and *initializes* mark numbers to **zeros** and the name to `null`.
- A *constructor* that takes the **three** **private** *variables* and *sets* them to given *values*.

**Write your code below.** It is recommended that you try solving the exercise yourself before viewing the solution.

**Good Luck!**

```
#include <iostream>
```

using namespace std;

```
class Student{
private:
    //define private variables here
public:
    Student() {
        //write definition here
    }
    Student(string na, float ma1,float ma2){
        //write definition here
    }
    int GetMarks(int marknumber){
        //write definition here
    }
    float calc_average(){
        //write definition here
    }
};
```

