# project1_school_manager

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Milestone Project 1

In this project, we are gonna write a simple program to review what we 've leared about python so far. Let's get started!

Tom is a school manager. He wants to do some calculation on his student's grades and he has asked you to help him.

1- We need to get a number n as input which denotes the number of students.

```
[1]: #Write your code here
```

2-We need to get students' name and grades in the following format and save them. Write a function to get students' data and return it: Amir 15 16 17 James 19 14 18

```
[2]: def get_input(n):
         #your code here
         pass
```

Now that we have the data, let's get started with calculation.

3.1- First thing that Tom needs to know is every student's grade average. Write a function that takes a student's grades as input and returns the average:

```
[5]: def calc_average(grades):
         #your code here
         pass
```

3.2- Now that you have a function that calculates grade average, write another function to print student info in the following format: ================================================= Name: Amir Grade Average: 16 =================================================== . . .

```
[6]: def print_info(data):
         #your code here
         pass
```

4-Now Tom wants to know which student has the most grade Average. Write a function to find the student with the maximum grade average with the help of the calc_average() function that you previously wrote.

```
[8]: def find_max_average(data):
         #your code here
         pass
```

Now every program has a staring point, complete the function below to finish the program. This function should first get the num of students from input and store it in a variable such as n, then call the get_input(n) function and save the result in a variable.

And finally it should call the print_info(data) function and find_max_average(data).

```
[9]: def main():
         #your code here
         pass
```

Your program is finished! call the main function to start!

```
[10]: main()
```

Keep on keeping on!

```
[ ]:
```