

# LAB-3 ASSIGNMENT 6.4

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## TASK 1:

Start a Python class named Student with attributes name, roll\_number, and marks. Prompt GitHub Copilot to complete methods for displaying details and checking if marks are above average.

## PROMPT:

Complete methods for displaying details and checking if marks are above average.

## CODE:

```
class student.py > ...
1  class Student:
2      def __init__(self, name, roll_number, marks):
3          self.name = name
4          self.roll_number = roll_number
5          self.marks = marks
6
7      def display_details(self):
8          print(f"Name: {self.name}")
9          print(f"Roll Number: {self.roll_number}")
10         print(f"Marks: {self.marks}")
11
12         def is_above_average(self, average=50):
13             return self.marks > average
14
15         student1 = Student("Aakash", 101, 75)
16         student1.display_details()
17         print("Above average:", student1.is_above_average())
```

```
/Desktop/AI assissted/class student.py"
File "c:\Users\Aakash\OneDrive\Desktop\AI assissted\class student.py", line 18
    average_marks= 3%
                    ^
SyntaxError: invalid syntax
PS C:\Users\Aakash\OneDrive\Desktop\AI assissted> & E:/kuty/python.exe "c:/Users/Aakash/OneDrive
/Desktop/AI assissted/class student.py"
Name: Aakash
Roll Number: 101
Marks: 75
Above average: True
PS C:\Users\Aakash\OneDrive\Desktop\AI assissted> 
```

#### OBSERVATION:

Github copilot swiftly understood the given prompt and generated the Student class with appropriate methods, I had to give it another prompt to call the function.