

🎓 Student Grades summary

This Python project helps analyze the academic performance of students. It allows you to:

- Input names and marks of multiple students
- Calculate average marks
- Assign grades based on average
- Identify the class topper

🚀 How It Works

1. The program first asks how many students' data you want to enter.
2. For each student, it takes:
 - Student's name
 - Their marks (space-separated)
3. It calculates:
 - Average marks
 - Grade (A, B, C, D, F)
4. Finally, it prints:
 - All students' averages and grades
 - Name of the class topper

📄 Sample Input

Enter number of students: 3
Enter student name: Ravi
Enter marks separated by space: 87 91 84
Enter student name: Sita
Enter marks separated by space: 75 82 78
Enter student name: Amit
Enter marks separated by space: 49 60 55

📄 Sample output

--- Students Report ---
Ravi: Average = 87.33, Grade = B
Sita: Average = 78.33, Grade = C
Amit: Average = 54.67, Grade = F

Topper: Ravi with average 87.33

🧠 Grading Logic

Average (%) Grade

90+	A
80-89	B
70-79	C
60-69	D
Below 60	F

🔧 Requirements

Python 3.x

You can run this in:

Jupyter Notebook

VS Code

Online Python compilers

Terminal / CMD