

GradeMate



- This is a program to help students track their grades and calculate their overall class average. Users can enter up to the desired number of assignments per class, and the program will display the final numeric average and the corresponding letter grade.

The screenshot displays the VS Code interface with the 'PYTHONTHEACHINGCODE' project open. The Explorer sidebar on the left shows a file tree with folders like '1 gradetracker', '2 ksu scrape', '3 calcGUI', and '4 DB in Python'. The main editor window shows the 'GradeMate.py' file, which contains the main logic for the program. The terminal window at the bottom shows the execution of the program, including prompts for the number of classes, assignments per class, and class names, followed by the calculation of averages and final grades for Science and Math.

```
PS C:\Users\kevin\OneDrive\Documents\GitHub\pythonteachingcode> python GradeMate.py
How many classes are you trying to calculate your grade in? 2
How many assignments per class? 5
Enter the name of class 1: Science
Enter the name of class 2: Math

Entering grades for Science :
Enter the score for assignment 1: 85
Enter the score for assignment 2: 92
Enter the score for assignment 3: 72
Enter the score for assignment 4: 86
Enter the score for assignment 5: 94
Average score for Science : 85.8
Your score for the class is currently a B

Entering grades for Math :
Enter the score for assignment 1: 100
Enter the score for assignment 2: 80
Enter the score for assignment 3: 75
Enter the score for assignment 4: 95
Enter the score for assignment 5: 65
Average score for Math : 83
Your score for the class is currently a B

Summary of all subjects and grades:
Your score for the class is currently a B
Science : Average Score: 85.8 | Final Grade: B
Your score for the class is currently a B
Math : Average Score: 83 | Final Grade: B
Your score for the class is currently a B
Your score for the class is currently a B
Summary saved to grade_summary.txt
PS C:\Users\kevin\OneDrive\Documents\GitHub\pythonteachingcode>
```