









Write a Python program that accepts the number of courses and the marks of a student in those courses

The grade is determined based on the aggregate percentage:

- If the aggregate percentage is greater than 75, the grade is Distinction.
- If the aggregate percentage is greater than or equal to 60 but less than 75, the grade is First Division.
- . If the aggregate percentage is greater than or equal to 50 but less than 60, the grade is Second Division.
- . If the aggregate percentage is greater than or equal to 40 but less than 50, the grade is Third Division.

Input Format:

1.2.1. Pass or Fail

The first input will be an integer n, the number of courses.

The second input will be n integers representing the marks of the student in each of the n courses, separated by a space.

Output Format:

If the student passes all courses:

- Print the aggregate percentage (rounded to two decimal places).
- · Print the grade based on the aggregate percentage.

If the student fails any course (marks < 40 in any course), print:

Sample Test Cases

> Terminal

 ☐ Test cases

passorFa... def calculate_grade(num_courses, marks): a a if any(mark < 40 for mark in marks):</pre> *******print("Fail") · · · · · · · return 4 5 6 aaggregate percentage = sum(marks) / num courses 7 8 print(f"Aggregate Percentage: {aggregate percentage:.2f}") 9 v ***if aggregate percentage > 75: 10 11 "" print("Grade: Distinction") v ****elif*aggregate percentage*>=*60: 12 print("Grade: First Division") 13 14 v ****elif*aggregate percentage*>=*50: 15 print("Grade: Second Division") v ****elif*aggregate percentage*>=*40: 16 print("Grade: Third Division") 17 18 19 num courses = int(input()) marks == list(map(int, input().split())) 20 21 22 23 calculate grade(num courses, marks) **Activate Windows**