

Project 2 CS384 - Class Grading Generator

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Assignment Given: 17th Oct 2021,
Deadline 1st December 2021, 23:59
Submission: GitHub

Things to be kept in mind

1. You need to make the project in a group of 2 students. If you wish you can do individually also.
2. Program will be checked for plagiarism.

As per IITPatna senate norms, these are the grading percentages that need to be given to a class.

Grade Approx. % of students

AA 5%
AB 15%
BB 25%
BC 30%
CC 15%
CD 5%
DD & F 5%

So in a class of 100 students, the grade distribution will be as follows: AA 5, AB 15, BB 25, BC 30, CC 15, CD 5, DD 5.

You need to make a web based program that takes a csv file as input, The first three columns are freezed

Sl No: Serial Number

Roll No: Roll number of the students

Name: Name of the student

Rest of the columns depend on the number of assignments taken by the professor. If someone takes k assignments, then there will be k columns. Row 2 has **Max Marks** that contains the max marks of a particular assignment. Row 3 has the **Weightage** that is the weightage that is assigned to every assignment.

Your program should check that the total weightage should be equal to 100 first, then compute the grades.