

GradeBook Program

Description: This project will mimic a simple gradebook. Grades will be based on categories that are assigned percents. At least 3 categories will be used.

Goal: To test the idea of parameters passing between methods, and to solidify how methods should be used.

Details:

- Create a well thought out UI
- Entering grades should be done in a way that makes sense.
- After each grade is entered the category grade as well as the final grade (letter and percent) should be shown.
- Methods and parameters should be used. This includes a constructor.
- Grades should be calculated correctly at all times.
- Category weights can be preset, but the ability to change them should be added.
- Other features as necessary should be added such that the program makes sense.
 - You do not need to use loops or arrays.
- Rounding should be done appropriately.
- Use a calculator to verify that the program is calculating the percentage correctly.
- Ask for help if you do not understand the math behind calculating grades.

Grading rubric:

A: program works perfectly as detailed above with complete documentation. Parameters and methods are used correctly. The UI has been well thought out. The code is done in a manner that shows complete comprehension of all concepts.

B: the program works with no errors.

C: at least some of the methods are done correctly.

D: The program was attempted, but doesn't work at all.

F: The program was not attempted.