

Final Programming Project – Final Grade Estimator

Due Date: Thursday, September 2 at 23:59

1 What to Submit

Only *source code* file (.vb), we do not need project files created by the VB.Net.

2 How to Submit

Please email the file to all three emails before the dead line:

- dbespalo@cs.drexel.edu
- nvb23@drexel.edu
- CHShuman@aol.com

3 Honesty

Please do not share you code! Your source code will be run through a plagiarism detection system. This program uses compiler techniques which are invariant of syntax and style. If you are sharing code with other classmates, you will get caught. Please refer to http://www.drexel.edu/StudentLife/Policies/student_handbook_03_04.html for actions that **will** be taken.

4 Where to Get Help

You are welcome to ask Nadya or Dmitriy any questions regarding this assignment. The preferred way of communication is email. You can find Dmitriy in Randell 238B (please email before visit). You are not allowed to discuss this assignment with your classmates, friends, family or pets.

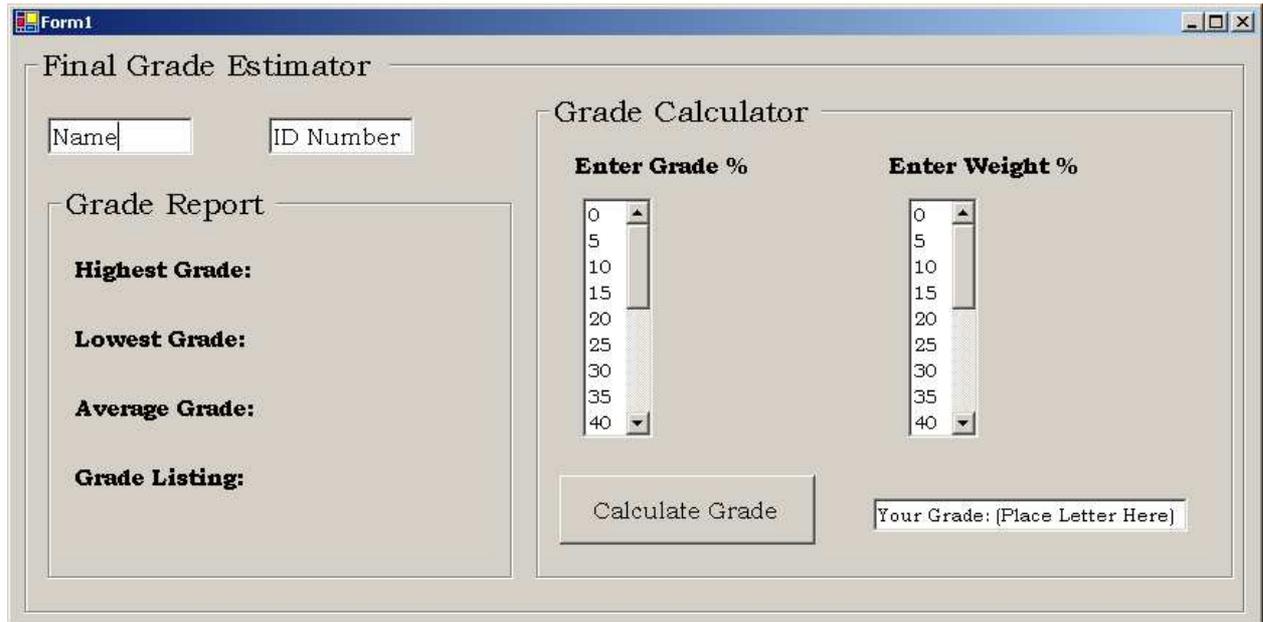


Figure 1: View of the window.

5 Description of the Assignment

You are hired to design an application that will allow professors an easy way to enter and calculate students' progress and final scores. There are four grade categories: Homework, Exam, Quiz and Class Participation. In order to enter a grade, the professor should select the type of a grade and then enter the student's score, the maximum score and the weight of that category on the overall grade. For example, if the professor wishes to enter a homework grade for student X and X received 20/40 and home works are weighted 10% of the final grade, the professor must select the category Homework Assignment, enter 20 into the score box, 40 into the maximum points box and 10 into the weight box. Then in order to add this grade, the professor should click on the "Add Grade" button. In order to achieve the progress or final score, the professor should press the "Process" button. At which point, the score should be calculated and displayed as listed on the example (Figure 1) you have been provided with. You are furthermore given a chance to incur some extra credit points. If you wish to do so, please document your code well and make a note in your submission. Remember, you must work individually on this project and it is your responsibility to figure out the mathematics necessary to implement the extra credit portion of this assignment.

Good Luck and don't hesitate to ask questions.