> You shall submit a zipped, **and only zipped**, archive of your homework directory, hw4. The directory shall contain, at a minimum, the files `src/grade.cc`, `inc/grade.h`, `src/gradebook.cc` and `inc/gradebook.h`. Name the archive submission file hw4.zip
>
> I will use my own makefile to compile and link to your `src/grade.cc`, `inc/grade.h`, `src/gradebook.cc` and `inc/gradebook.h` files. You must submit, at least, these four files.

The GradeBook object will provide a means to manage grades. The Grade object represents the scored outcome of a student submissions.

Be mindful. Sometimes the data gets corrupted and may result in empty GradeBooks. These cases are well-defined in the method descriptions.

Read the provided header file documentation for instructions on how the methods should work.

You will receive points as follows:

1. `test-grade-constructor`: 0.7 points

2. `test-grade-toDouble`: 0.7 points

3. `test-grade-toString`: 0.7 points

4. `test-grade-toLetter`: 0.7 points

5. `test-grade-equals`: 0.7 points

6. `test-grade-dividedBy`: 0.7 points

7. `test-grade-plus`: 0.7 points

8. `test-gradebook-add-and-get`: 0.7 points

9. `test-gradebook-add`: 0.7 points

10. `test-gradebook-calcAverage`: 0.7 points

Total: 7.0 Points Possible

- compilation of each test (ten tests above): 0.1 points

- `grade.cc` style: 0.5 points

- `grade.h` style: 0.5 points

- `gradebook.cc` style: 0.5 points

- `gradebook.h` style: 0.5 points

Total: 3.0 Points Possible

I have provided you basic test apps which you can use to ensure that your code is, at least partially, correct. I would suggest a more rigorous testing scheme to ensure that your methods handle missing data.

Late assignments will lose 5% per day late, with no assignment begin accepted after 4 days (at 20% reduction in points on March 29th 2022).