# Grade Calculator, Version 3

# By Ethan Vaughan

# December 21, 2018

This calculator helps me keep track of my grades in classes. It stores information about past grades (a description of the grade, such as “Test 1” or “Term Project”; the grade I received, like 89.6%; and the assignment’s weight). The grade calculator calculates my overall grade in the course and allows me to run “what-if” calculations. (A what-if calculation tells me what grade I’ll need on remaining assignments in the course in order to finish with a specified grade; it also reports what grade I’ll have overall if I make a certain grade on remaining assignments.) Finally, there is section in the calculator for finding my GPA. This section shows me what GPA I’ll have overall, given certain grades on up to six classes.

## Installation Instructions

To install this product, you will need MySQL on your machine. Additionally, you’ll need to set the following line of text in the **run\_GradeCalculatorV3.bat**

*C:\Users\Ethan\_2\Documents\Programming Languages\Java\GradeCalculatorV3\dist\*

Rename this to the location of the Jar file on your machine.

Change the below line of text in GradeCalculatorV3.java

*C:\\Users\\Ethan\_2\\Documents\\Programming Languages\\Batch\\remove\_aria\_log\_file.bat*

to the location that you have installed the **remove\_aria\_log\_file.bat** file. (NOTE: remove\_aria\_log\_file.bat is a batch program that deletes the file **aria\_log.\***, located in the mysql data folder. **Aria\_log.\*** is a file that sometimes prevents the starting of mysqld.exe, which allows the grade calculator to access the MySQL database.)

Before running the program, you will need to create the database. Run the **CreateGradeCalculatorDB.sql** file. This file will create the database in which grades will be stored.

## Built With

Netbeans 8.1.