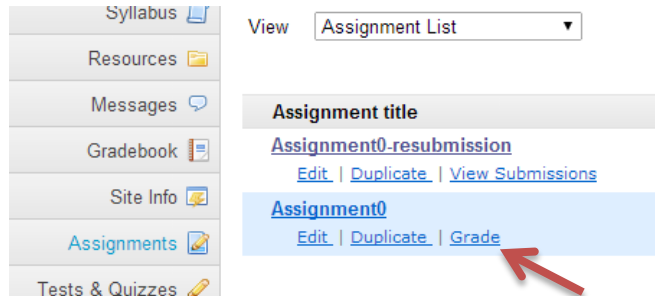

GRADER PROGRAM INSTRUCTIONS

Last revised: January 23, 2014

DOWNLOADING ASSIGNMENTS

In Sakai, go to “Assignments”. Then for your assignment click “Grade”



On the right side of the screen, click on “Download All”. You will then be presented with options for downloading. Select “All”, and click the “Download” button.


Download All

Choose download options, and then click 'Download' at the bottom.

A screenshot of the 'Download All' options form. It contains a list of checkboxes with corresponding descriptions: 'All' (selected with a red arrow), 'Student submission text (original student submitted text, possibly containing instructor added comments)', 'Student submission attachment(s)', 'Grade file (grades.csv file at top level of archive)', 'Feedback text (the inline comments with student submission)', 'Feedback comments (comments.txt file if available in student's folder. Comments are put into the Instructor Comments field for each student's submission)', and 'Feedback Attachment(s)'. At the bottom of the form are two buttons: 'Download' and 'Cancel'.

After this, you will be presented with a link to download (which will download a file called bulk_download.zip). Save this and extract the contents to a known location on your system.

Assignment0 - Submissions

 You have chosen to download student submissions. If you encountered a problem downloading all submissions, click on the following link:
[Download all link](#)

RUNNING THE GRADER PROGRAM

Save your most current version of the grader program your system. Note: It must have the folder config, which contains config.properties next to it in the file tree.

Inside config.properties you may change two values:

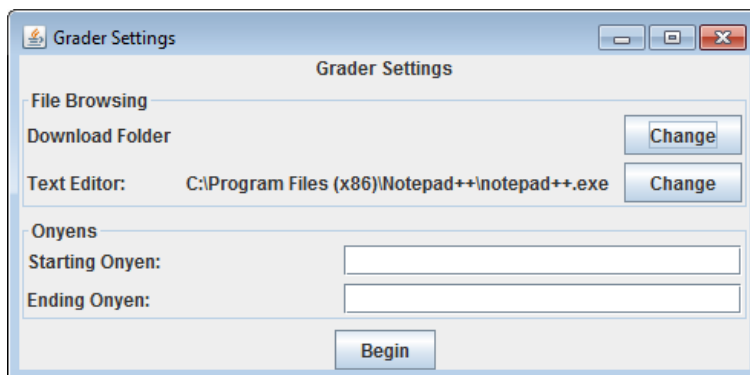
- *grader.logger* – Determines where the Grader stores its output. The recommend vaue is “feedback + spreadsheet + csv”
- *grader.logger.spreadsheetFilename* – Determines where the Grader will create a spreadsheet. The default value is “./log/{projectName}/grades.xlsx”, where {projectName} automatically is replaced with the current project being graded at runtime.

Run your version of the grader from the command line. If you don’t run from the command line, you may not see error messages, which you can report to the developer.

```
Users\Jacob\Down loads\Grader program>
Users\Jacob\Down loads\Grader program>
Users\Jacob\Down loads\Grader program>
Users\Jacob\Down loads\Grader program>
Users\Jacob\Down loads\Grader program>
Users\Jacob\Down loads\Grader program>
Users\Jacob\Down loads\Grader program>java -jar comp110-grader-0.2-jar-with-dependencies.jar
```

If this is your first time running the Grader, you will see a error message “Error reading settings file”. This is normal the first time you run the program.

You should then see this window:



There are four things you can change (and should set if they are not already) here:

1. Download Folder – The folder you extracted from bulk_download.zip
2. Text Editor – Your text editor for viewing code when you want to directly look at submitted code
3. Starting Onyen – The first onyen you are responsible for grading (you should have been assigned this already)
4. Ending Onyen – The last onyen you are responsible for grading (you should have been assigned this already)

After setting these values, click begin, and window below should pop-up. In this window, you should see the student’s name.

Each feature (or requirement) is graded if possible, and will have the label “Graded” or “Not Graded” telling you whether it was automatically graded or not, respectively. On the right, the “Results” button will give any notes the Grader gave about why the grade is the way it is. You may click Notes to leave your own notes about any one requirement. You may also leave notes about the overall program with “Leave Comments” at the bottom left.

If the Grader ever gives a student less than full credit, **YOU MUST CHECK THE CODE AND POSSIBLY IT’S OUTPUT**. It is possible for there to be errors in the grading for your specific assignment, so you must check it. You can do this in two ways:

- “View Code” opens the submitted code in the editor of your choice.
- “Open Folder” opens the folder submitted by the student.

You may also run the students code to test output manually. “Run (Same JVM)” runs the submitted code in the same JVM as the grader. “Launch (New Process)” runs it as a new process and JVM.

The screenshot shows a window titled "GradingWindow" with a tabbed interface. The "Features" tab is active, displaying a table with the following columns: Feature, Score, Max, Full Credit?, EC, Leave Notes, and Auto Grading. The table contains three rows of features: "Contains the HelloWorld class", "Contains a main method", and "Prints Hello World". Each row has a score input field, a maximum score, a "Full Credit?" checkbox, and a "Notes" button. The "Auto Grading" column shows "Graded" for each row, with "Regrade" and "Results" buttons. Below the table, the "Total Score" is displayed as 100.0. At the bottom of the window, there are buttons for "View Code", "Open Folder", "Run (Same JVM)", "Launch (New Process)", "Leave Comments", "Save and Quit", and "Save and Continue".

| Feature | Score | Max | Full Credit? | EC | Leave Notes | Auto Grading |
|-------------------------------|-------|------|--------------|----|-------------|------------------------|
| Contains the HelloWorld class | 30 | 30.0 | Yes | | Notes | Graded Regrade Results |
| Contains a main method | 30 | 30.0 | Yes | | Notes | Graded Regrade Results |
| Prints Hello World | 40 | 40.0 | Yes | | Notes | Graded Regrade Results |

Total Score: 100.0

Buttons: View Code, Open Folder, Run (Same JVM), Launch (New Process), Leave Comments, Save and Quit, Save and Continue

After you finish grading a student’s assignment, you should click Save and Continue. This will save your grades and continue on to the next user in your set of Onyens. Upon finishing with the last student’s assignment, this button will also exit from the grader program.

SUBMITTING YOUR RESULTS

There are two things that are required to upload results: the contents of your folder extracted from bulk_download.zip (which now also contain feedback from you and/or the grader program), and the contents of grades.xlsx (the location of which was specified in config.properties).

For now, you should have one person responsible for merging these files across all people running the Grader program. It is recommended you rezip the extracted files for each student. Then send your newly zipped files and the grades.xlsx to this person in charge of merging.