Assignment Tutorial

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What we are looking at today

● Overview
  ○ Why
    ■ Motivation for this lecture on assignment
  ○ How
    ■ The way the assignment is run
  ○ What
    ■ The components of the assignment
● Demo
Motivation

Because … Automation
More office hours

Assignment is due at 11:59pm, 2 weeks from now
Submissions

Unlimited submissions  Submission penalty

Grading is performed on the latest submission
Penalties

Each day late -20. No submissions are permitted after 3 x 24h = 72h.
What if I’m sick

Sick → See Doctor → Acquire medical extension → Medical extension → Due date

Medical extensions must be issued before Due date
What if I’m sick

See Doctor

Sick

Acquire medical extension

Medical extension

24h

24h

24h

ie This is not permitted
Assignment comes with a Tester.java (sanity checker).

You should develop this.
If your code does not compile or is getting 0
then you will get a feedback file on mycourses
If at anytime you believe that the grading; any of the feedback files are incorrectly assessing your assignment contact:

cs251@cs.mcgill.ca
If there is an error in grading
then all assignments are regraded and everyone should get a new assessment for their assignments
Components of the assignment

● Programming (75%)
  ○ Java files
  ○ Graphing tool (JAR file)
  ○ Tester.java
  ○ Instructions for assignment (PDF file)

● Quiz (25%)
  ○ MyCourses
javac

- Compiling java files manually
  - `javac <file1> <file 2> … <file n>`
  - `javac *.java`
- IDE are okay
  - But always check that you can compile it manually before submission
  - The compilability is based on Trottier machines
    - i.e. If they cannot be compiled on Trottier machines then they are not compilable
    - Test code on Trottier machines
JAR file

- `java -jar JavaPlotBuilder.jar <csv file>`
- `java -jar JavaPlotBuilder.jar`
  - a. File → Open → Select csv file
- You should label your axes
Quiz

- This is **NOT optional**
- Worth 25%
- You must use your own solution to answer the quiz
- If quiz does not match your own solution
  - Then it is flagged as plagiarism
    - Plagiarism will result in 0 for quiz and 0 for assignment
    - Plagiarism will be reported to the office of the Dean
On collaboration

- Collaboration is okay if
  - No code is shared
  - And referenced all collaborators
    - Including TAs, instructors, peers, …
    - You can list any number of people no consequences
  - You will only penalized if you collaborated but did not reference who you collaborated with
Submission

● Submit a zip file
  ○ Containing finished versions of all java files provided to you
  ○ Without
    ■ Extra classes
    ■ External imports

● Grader is run of the submitted zip file, thus if
  ○ It doesn’t contain the right files, you won’t get graded correctly
  ○ The files don’t compile, you won’t get graded
  ○ The files are modified in ways not intended, you won’t get graded

● Bottom line:
  ○ You are responsible for anything that affects our ability to grade your code outside of designated areas within the files we have provided
Demo

- Go through java files
  - Make hash table
  - Add to hash table
  - Output collisions
  - Watch out for ints
  - Watch out for file names

- Compile files manually
- Run Tester.java
- Run JAR file