EECS2030 (B&E) Fall 2021
Guide to Final Exam
When: 14:00 to 16:00 EST, Tuesday, December 14

- This exam is a written test accounting for 40% of the course grade.
- The exam is open book but **strictly** individual: identified collaborations will be reported to Lassonde for **a breach of academic honesty**.
- The exam will take place from 14:00 EST to 16:00 EST (**120 minutes**). The time limit is **strict**.
- Unlike the programming tests, there will be no starter project for you to download and import.
- All questions will be answered on the B&E eClass site.

1 Missing the Exam?

- If you have a legitimate reason to miss the exam, you must:
  - **Prior to** or **on the day of** the exam (December 14), contact your instructor ***for approval***; **and**
  - By **December 16**, submit an exam deferral form to the undergraduate office (`ug@eecs.yorku.ca`) and also forward a copy to your section instructor.
- Should your request of exam deferral be **submitted on time** and **approved**, please understand that:
  - It will be a freshly designed exam, which may or may not be an online exam, to ensure fairness.
  - It will take time for this deferral exam to be ready, so if you are allowed to take the deferral exam, it will most likely happen during the winter or early spring, meaning that your course grade will be delayed.

2 Rules

- Exam will be ***opened*** at **14:00 EST** on **Tuesday**, December 14.
- Exam will be ***closed*** at **16:00 EST**, on the same day.
- Once you click on the test link at or after **14:00 EST**, a timer will start, and you must submit your work for grading by **16:00 EST**. That is, the later you start after 14:00 EST, the less time you have to complete your exam.
- Though this is a written test, you may be asked to write fragments of Java code in answer boxes.

3 Format

- Most ($\geq 60\%$) of the questions will be multiple-choice questions, e.g.,:
  - A true or false question
  - A question with a **single** correct answer
  - A question with **multiple** correct answers

    e.g., Say you are given 5 answers for the question: 2 of them are correct (and 3 of them are incorrect). Accordingly, for each correct answer you choose will receive a credit of $\frac{100\%}{2} = 50\%$, whereas for each incorrect answer you choose will receive a penalty of $\frac{-100\%}{3} = -33.3\%$.

    This mechanism is to ensure that one cannot just receive full marks by simply choosing *all* answers.
- Up to 40% of the questions will be written questions requiring you to, e.g.,:
  - Write a fragment of Java code

    In this case, minor syntax errors such as missing a semicolon will be excused.
  - Explain how a given fragment of Java code works at runtime
  - Explain why a given fragment of Java code works

4 Coverage for the Test

- This is a ***cumulative*** exam, covering all study materials. See:

  `https://www.eecs.yorku.ca/~jackie/teaching/lectures/index.html#EECS2030_F21`
- Programming concepts covered in lab assignments **may** be covered.
- The concepts about Github and terminal commands are **not** covered in the test.

5 Study Tips for the Exam

- The final exam is meant to **test your understanding** of the taught concepts (which is different from a programming test in which you are expected to write Java programs with no syntax or type errors).
- Go through the lecture and tutorial materials to review the concepts and examples. Re-watch parts of the lecture/tutorial/Q&A videos if necessary.

6 Example Questions

- Some example questions (in the PDF format) are made available available on the eClass page (under the "Exam" section).
- These questions came from an earlier in-person exam which did **not** have the same coverage: for questions on topics **not** covered in this term, just **skip** them.
- These example questions may help you reinforce **some** of the covered topics. However:
  - The exam format will be identical to that of earlier eClass written tests.
  - It is expected that you conduct a detailed, in-depth review on **all** topics covered throughout the course.