CSCI 136 Labs Opening Remarks

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The Role of Lab

- Get a solid start on the programming assignment
 - Review and possibly modify design doc
 - Begin code development
- How to make substantial progress
 - Come on time
 - Come prepared
 - Read lab materials in advance
 - Put thought and effort into design document
- Stuck on something?
 - Spend a bit of time unsticking yourself
 - If unsuccessful (this is very common): Ask!

The Honor Code for Programs

- Bottom Line: Your work should be your own.
- How others can help you.
 - Instructor/Tas
 - Ask them anything. They will determine the most appropriate response.
 - Classmates
 - Help locating errors and interpreting error messages is allowed
 - Discussion of design documents at beginning of lab as permitted
 - Tutors
 - Help locating errors and interpreting error messages is allowed

The Honor Code: Laboratory Programs

- Laboratory Programs. Laboratory programs are expected to be the work of the individual student, designed and coded by him or her alone. Help locating errors and interpreting error messages is allowed, but a student may only receive help in correcting errors of syntax; help in correcting errors of logic is strictly forbidden.
- Guideline: Assistance in the design or coding of program logic will be considered a violation of the Honor Code.

The Honor Code: Team Programs

- Team Programs. Team programs are laboratory or test programs to be worked on in teams of two or more students. You are allowed to discuss team programs with your teammates, but work with others is otherwise restricted by the appropriate rules above.
- Guideline: Any work that is not the work of your team is considered a violation of the Honor Code.

Academic Dishonesty: Examples



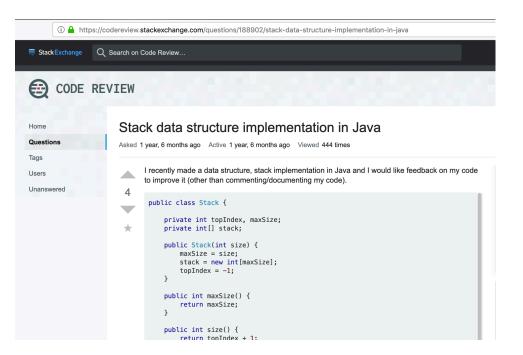


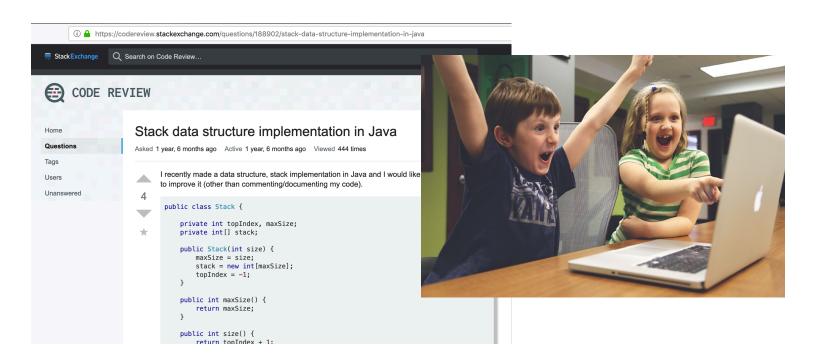
















Program Submission

- Programs will be due by 11 pm on the Monday following the day of lab.
- Commit your code to GitLab often
 - We can see your code and give you feedback via the web
 - Partial credit is given even if you don't finish

Programming Style

- What is good style? There are many views...
 - "If it doesn't conform to the Linux programming style guide, I will not even review it"
 - "I couldn't tell you, but I know it when I see it"
- We are trying a new approach: checkstyle!
 - Many things are aesthetic hard to check
 - Many things are functional easy to check
- We will be rolling out more rigorous checks as we discuss style throughout the semester

Take Away

We want to help you to succeed. Our best advice is

- Come prepared
- Ask questions
- Learn to solve problems
 - If an instructor or TA starts to tell you how to write part your program, stop them!
 - Instead, ask them to tell you the best way to figure it our for yourself!
- After two hours
 - Take a break!
- After 15 minutes trying to fix same problem
 - Seek help or take a break!

Today's Plan

Goals

- Meet each student
- Configure your personal computer
- Get comfortable with lab workflow
 - Using Zoom and Slack for interactions
 - Understanding the GitLab workflow
 - Clone your repository to your machine
 - Commit/Push changes frequently
 - Next week: How to access lab feedback
- Reminders
 - All conferences are remote tomorrow
 - Visit course Glow site and course website
 - Your Glow *conference section* site will have the Zoom meeting info for your confernce section
 - Carry out the pre-conference tasks!