

INTRO TO RECITATION

CS 1101 – Spring 2023



Lecture vs. Recitation

Lecture

- Students learn new material in lectures.
 - Instructors will not do many examples.
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Recitation

- Recitations are NOT lectures / office hours
 - We explain materials covered in most recent lectures and work on examples, such as quizzes, coding practices with peers
 - A general schedule can be found at **GitHub Repo**
(https://github.com/ginaBai/CS1101_Recitation)
 - The instructors will keep you up to date on the class schedule.
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Recitation Structure

- Task #0: Take attendance
 - via Google Forms, Qualtrics, or paper-based sign-in sheets

Extreme cases:

- What happens if no one (< 5 students) shows up?
 - Recitation leaders stay in the classroom and treat it as an office hour. Students may show up later
 - What happens if the recitation leaders are extremely awesome and more/all students want to attend the recitation sections?
 - We may need to increase the capacity and switch to a new room
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Recitation Structure

- Task #1 (~10 min): Briefly summarize and discuss
 - The common **mistakes/deductions** observed in previous PA
 - The frequently asked **questions** recently during office hours
 - E.g., how to interpret and address an error message, how to interpret a part of the program description and convert it to java program
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Recitation Structure

- Task #2 (10-15 min): Invite and answer questions about the assignments (PAs and ZYs), lecture materials, the practice exams, the returned midterm exams, and anything else
 - If the question is about the code implementation details, ask students to describe the problem/error, and provide general guidance on it, e.g., “if we see error messages like that, this indicates there’s an XXXXX issue in our program, to address it, we first look into something, we then look into something else...”
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Recitation Structure

- Task #3 (25-30min): Work on some exercises
 - Quizzes and/or Short Coding Exercises
 - Exam review problems
 - Give out solutions at the end
 - Explain all steps
 - Problems from the textbooks and online resources
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Before Each Recitation

- Team Effort / “Co-teaching”
 - Task #1 (brief summary) and Task #3 (extra exercises) should be synced
 - The recitation leaders discuss and pick the things to do for a week
 - Approach 1: Divide the tasks. E.g., Leader A collects the commonly seen mistakes, Leader B collects the FAQs, and Leaders C and D pick the problems to work on.
 - Approach 2: Leader A prepares everything for this week, Leader B is in charge next week, etc...
 - Feel free to keep the instructors in the loop, particularly if any help is needed
 - The recitation slides/materials should be posted on GitHub Repo by Monday evening
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