

EECS1022 Winter 2021 Questions for Lectures: Week 9

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General

This document is only checked the day before the Monday or Tuesday Q&A session. Therefore, questions related to labs will not be answered in time. Instead, post questions related to labs on the course forum.

1. Do you check what the grade distribution is for the different test versions and “curve” accordingly? Doesn’t seem fair others can get an easier test just by luck.

Jackie’s Response: I presume you are referring to the programming tests. The focus should not be the grade distributions between versions, as there is no guarantee on the distribution of students assigned to the same test version. Instead, the focus should be the test versions themselves: the various versions are designed at the same level of difficulty. No worries, fairness is ensured with caution.

2. I had a question which is not actually related to this course but if you had extra time in the Q/A session I would appreciate it. This question has been running over my mind for a long time now. I understand that when we program something a compiler will help us to compile and make that program work. How about the compiler itself? If a compiler is being compiled by something else then what’s the starting point of this? How was the first programming language built? Thanks you professor

Jackie’s Response: Very thoughtful question - will discuss this.

Weekly Java Tutorials (Weeks 01 to 09)

1. Is it possible to create a global variable that's visible, accessible and modifiable across different classes, and if so, is it practical? For example, if I had two different classes i.e. Parents and Children, and I want to have a count for a specific interaction between a child and parent instance (i.e. a 'fight'), is that possible?

Jackie's Response: will discuss

2. This is Question 2
- 3.

Part F1 - Static Variables: Syntax and Semantics

Questions here (with timestamp from video, or screenshot from video/iPad notes/slides)

1. This is Question 1
2. This is Question 2

Part F2 - Static Variables: Automatic Account IDs

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Part F3 - Static Variables: Static Counter for Array Attributes

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Part F4 - Referencing Non-Static Variables in a Static Method

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Part G - Removing "Code Smell" via Helper Methods

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