# EECS1022 Winter 2021 Questions for Lectures: Week 4

# 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. Would you be providing sample lab solutions?

   **Jackie's response**: I have been doing so.

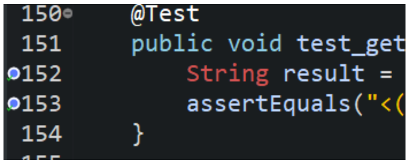
2. Is it necessary to write additional test cases for labs and tests? For lab 3, I can't think of anything else to test other than what's given.

   **Jackie's response**: You won't be graded for any tests you write. You write extra tests to gain extra assurance on the correctness of your code.

3. Suggestion: For the labs, I spend most of my time making sure the result string format equals what is required. Will this change?

   **Jackie's response**: This mostly likely won't change. I would not think adjusting the string format takes most of your time. The expected string format is not sophisticated and it should not take you long to adapt your code, if correct, to generate the correct string values.

4. Is there a way to use debugger on a specific JUnit testcase? I tried to put breakpoints on the case, but when I run debugger it just runs a different case.



```
    @Test
    public void test_get
        String result =
        assertEquals("<(
    }
```

   **Jackie's response**: I will discuss this in Monday's Q&A.

5.

1.

# Weekly Java Tutorials (Weeks 01 to 04)

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

*7.*

## Lecture 2 - Part I - Branching Conditions: General to Specific

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

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

# Lecture 2 - Part J - Short-Circuit Evaluation

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

1. 24:05 - I understand the code of each Short-Circuit Evaluation ex. (one using conjunction, the other disjunction) gives equivalent outputs but with different behaviour. However, I don't think I can adequately and concisely put into words my justification why I think so. I can only think of following each program with specific ex. cases (1. When x = 0, 2. when y/x > 2 and 3. when y/x <= 2) but I wonder if there's a better way.

   **Jackie's response**: I will discuss this in Monday's Q&A.

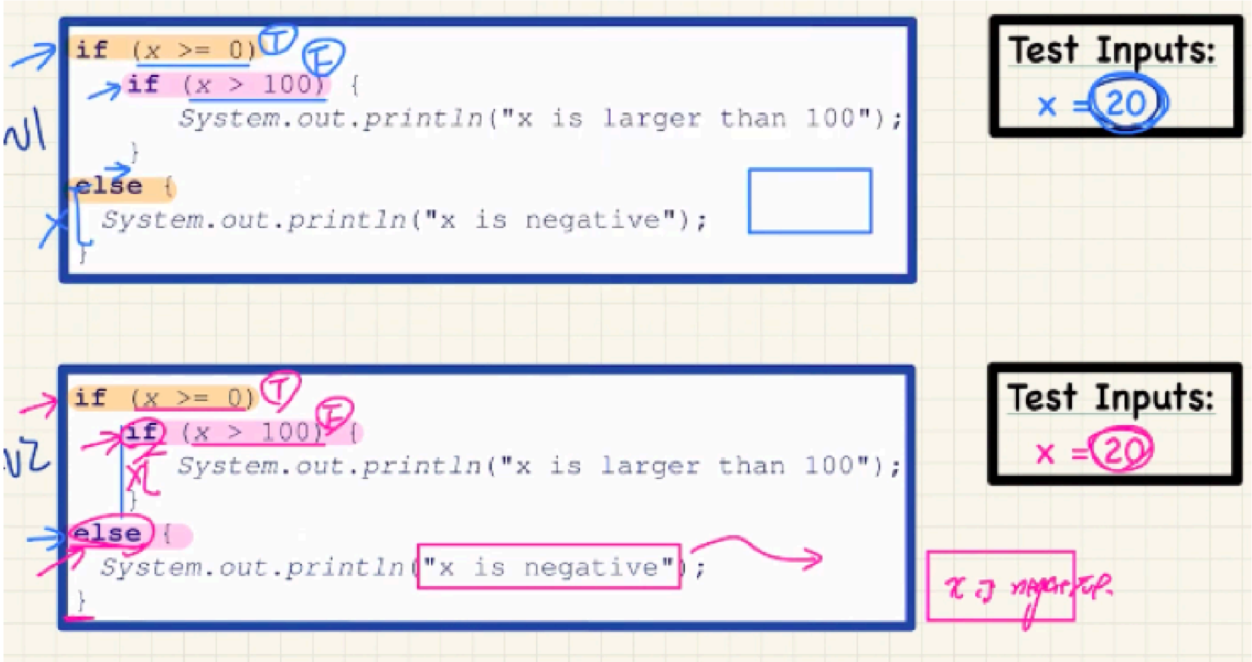
2. This is Question 2

# Lecture 2 - Part K - More Common Errors and Pitfalls

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

1. This is Question 1

Hello,



```
if (x >= 0)
    if (x > 100) {
        System.out.println("x is larger than 100");
    }
else {
    System.out.println("x is negative");
}
```

Test Inputs:
x = 20

```
if (x >= 0)
    if (x > 100) {
        System.out.println("x is larger than 100");
    }
else {
    System.out.println("x is negative");
}
```

Test Inputs:
x = 20

My question is, why is there an ambiguity? First if has no {} so the first line is the only one belonging to it and else cannot be a nested conditional inside the first if?

**Jackie's response**: I will discuss this in Monday's Q&A.

2. This is Question 2

## Lecture 3 - Part A1 - for-Loop: 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

# Lecture 3 - Part A2 - for-Loop vs. while-Loop: Exercises

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

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

## Lecture 3 - Part B - Case Studies: Compound Loops

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

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