

CSE142 Lecture Questions for Wednesday, 1/6/21, section B

Time (e.g., 12:45)	Question	Answer
	Is today's lecture all that we need to get started on the homework or should we wait till Friday's lecture? ~ Thank You!	I will always cover everything you need for a homework when I make it available, so the answer to your question is yes. You have all you need. We'll be moving into chapter 2 on Friday and that's for homework 2.
42:00	<p>Within the main method, it shows the structure:            Egg            System.out.println            Teacup            System.out.println            Etc.            Would the system.out.println also be considered as redundancy? I tested it out while doing the HW and I had to add it to create spaces between the paragraphs so I'm sure it's required but I'm not sure if I would need to make it so that it isn't redundant.</p>	I have said that you don't need to worry about the issue of redundancy for println commands that produce blank lines.
	I failed CS 142 because I didn't take the code quality or functional decomposition into account. Is it okay if I copy and paste the previous course's homework into this one's and make modifications?	You can resubmit homework you submitted before as long as it wasn't involved in a misconduct case in the prior quarter.
	I don't remember the exact time, but I think I recall you saying that you don't normally want 1 line methods for assignments since for those you could just write out. Is assignment 1 the exception?	Yes, assignment 1 is an exception in terms of the possibility of a 1-line method.
	Sort of off topic but what is our first bit of homework?	It has been posted under the homework tab on the class web page.
	Novice here.. But can we actually name our functions anything?	Pretty much...we want you to use descriptive names, but you get to choose them.

	Last quarter, we were given the opportunity to re-submit homework assignments, will we be able to re--submit homework assignments this quarter ?	No.
	Do you want lots of comments on the hw assignments?	For homework 1 we are asking for a class comment with information about you and a description of the program. Starting in homework 2 we will ask you to also include comments on each method.
13:46	What does no indentation specifically mean? Is it like not putting space between the paragraph?	That's listed as an error, so it's saying that it would be considered a style error to have no indentation at all and that you could lose a point for it in homework 1.  No...indentation has to do with spacing at the beginning of the line. Watch the lecture a bit more because I talk about it.
Reading	Question with regards to the definition of algorithm and program in the textbook: Since a program is a list of instructions to be executed, and an algorithm is a step-by-step description of how to do something---- Then does the computer use an algorithm to run a program? What precisely is the relationship between them?	An algorithm is generally thought of as being less detailed than a program. You could think of an algorithm as being like a recipe. It's an idea. People then implement an algorithm in a specific programming language, which means filling in all of the details in such a way that it can be executed on a computer. So they're very similar, but algorithms are generally more abstract than programs (fewer details filled in).
28:58	Sorry if I'm just beyond confused but are escape sequences only used to add quotes? Or can escape sequences be used for other things as well?	Escape sequences are used to include special characters inside a string. Because we use quotation marks to indicate the beginning and end of a string, then we need an escape sequence to include a quotation mark inside a string. Then once we decide that backslash is used for escape sequences, we need a special escape sequence for the backslash itself.
43:50	Which Figure example should we use for the homework?	Figure3 is the model to follow.
	How do you zoom in on jgrasp? Idk what i pressed and now its really zoomed out. Ok ty.	I'm not sure exactly what you did. You could exit and go back in.

	For assignment 1, in the header, you want us to include information about ourselves and the program, or just the program itself?	You should include information about you (name, date, maybe TA) and you should include a description of what the program does in your own words.
	Do all programs have to start with public class Figure { ?	All Java code has to be inside of a class and classes begin with “public class”. Then we have the name of a class. In Monday’s lecture we wrote a class called Hello. In today’s lecture I called the class Figure. For your homework you’re going to write a class called Song.
	With regards to style, do we have to be concerned with the spaces? I noticed that you put a space between the egg() and {}, but I am a little more used to just doing egg(){. I might be a little paranoid, but I don’t want to lose points in silly places  Thank you	We won’t grade on spacing for a while. Different programmers make different choices. We tend to care more about consistency than about the individual choices. So if you want to not include a space there, that’s okay.
38:41	When we have static methods, do we always have to list the names of the methods (e.g. egg();) under the main method first before we can write out the statements of those static methods with the public static void egg()?	Every static method has a header that includes it’s name and then a set of curly braces with the statements to be executed. The header has to come before the statements. The statements are known as the body of the method.
48:01	Are we essentially substituting in the methods for the lines? Thank you	You can think of it that way, that the call on the method is replaced by the various lines in the body of the method. The textbook includes some diagrams that reinforce this way of looking at it.
	When submitting homework are we submitting the java or class file or both?	The Java file (Song.java for homework 1).
	Is it okay to have a TA look over your homework to check for errors prior to submitting to see if there are any errors I might lose points for?  Thanks!	No. We refer to that as “pre-grading.” You can ask your TA about general style expectations and about requirements, but we don’t provide early feedback on homework submissions.

	Is there anything we'll learn in the Friday lecture that we will need to do the homework or could we finish it before? Thank you!	No. Whenever I hand out an assignment, I will have covered everything you need for the assignment. In Friday's lecture we will move to chapter 2 which will be used for homework 2.
	so to be clear you don't want us to do the hw where we can reduce the redundancy by building a string and calling an object? E.g. there once woman....insert fly	correct.
44:53	For redundancy, what is the general rule when we should create new methods for them? For example, if a pattern is repeated twice do we still need to create a method to reduce redundancy. So even with only 2 places repeated we would need to create a new method? But wouldn't that not make the program that much cleaner? Ok thank you!	As I mentioned in the lecture, redundancy for the purposes of homework 1 is when we can find 2 or more lines of code that are exactly the same in more than one place in your program.  We are asking you to practice eliminating redundancy, so even 2 lines repeated would be a problem in terms of what we have asked you to focus on.
48:24	You say that each method should have only 1 println for our hw. What about verse 7. Can that be the exception?ohh ok thank you	I didn't say that each method should have only one println. I repeated something from the assignment writeup that any given println should appear only once in your program.
33:24	So indentation basically means using 'tabs' to organize the code better?	yes.
	I understand that redundancy refers to multiple lines of code, but for the lyrics where "she swallowed the __ to catch the __", we do not have to create functions to eliminate redundancy? Thank you!	The writeup specifically mentions that you don't have to deal with that kind of redundancy. We're trying to keep things simple for homework 1, so we don't expect you to worry about that.
	Finished the lecture thank you! It was very helpful for hw	I'm glad you enjoyed it.

	<p>Just to make sure, the empty <code>println()</code>; repetition in the main method does not need to be made into a separate method to reduce redundancy? Is this correct for every Homework and general practice? Ok thank you</p>	<p>Correct</p> <p>It's hard to predict every future assignment. It's not an issue for homework 1.</p>
	<p>I'm still confused on how the labs work. Do we sign up for them? If so, how? They're not required? Where can I find a schedule for them?</p>	<p>There is a link to the time schedule on the labs page available under the labs tab on the class web page. We have opened up 10 sections, so they are available now for registration. You should have gotten an email telling you the sections that are available.</p>
	<p>Minor detail but in the header comments do you want the date to be the due date? ok!</p>	<p>No, the date when you last changed it.</p>
	<p>When do we know the grades of the first week assignment? I want to use that feedback to do well for the rest of the quarter</p>	<p>We hand back homework assignments on Tuesdays, so you will be able to review your graded homework 1 before the deadline for submitting homework 2.</p>
	<p>Just to clarify, we are not allowed to ask TA's on any help on the HWs? I saw your answer about 'pre-grading' and I was wondering. Oh okay thank you!</p>	<p>No, you can ask TAs to help you if you are having problems with the homework. What you aren't allowed to do is to show them a completed program and ask them to point out style errors.</p>