

CSE142 Lecture Questions for Wednesday, 1/13/21, section A

Time (e.g., 12:45)	Question	Answer
	The UW website says that registering for classes after the 8th requires a code, So I can't enroll into the 190 lab but I would really like to, is it too late?	No, it is not too late to register. Send email to cse142@uw.edu .
	If a for loop is printing the same thing in a static method, should we create a separate static method to reduce that redundancy? For example in the mirror program you had to print spaces two times. Ok thank you!	I'm going to discuss this at the beginning of Friday's lecture. It seems logical to put that for loop for printing spaces into a method, but it's not that simple. I'll explain why on Friday. But good instinct to want to reduce redundancy!
	Are spaces required between operators? 4+2*3 vs 4 + 2 * 3. Ok thanks!	They aren't required, but they are recommended. There are various style guides for Java and most recommend surrounding operators with spaces.
	Will we get to see the scores for our homework?	You will be able to see your graded homework 1 next Tuesday so that you can review it before homework 2 is due.
	Does the method header include comments?	We don't normally think of the comments as being part of the method header.
	In the lecture you say not to use a 1 to 1 loop and that would be a style deduction. Is using a loop for 2 repeated things appropriate then?	It depends on what the two things are, but generally we wouldn't have a loop for just two things unless it was something rather complicated.
	you mentioned in the last homework to not worry too much about commenting besides the header part and that you'll cover more about it for hw 2. would the pseudocode be too much to put in as comments? Ok. and is it preferred to have all that general description all at the top or can i split it up into sections? Alright sounds good thank you!	I don't think I'd include pseudocode in comments. I'd include a general description, which is similar. You should have a class comment at the beginning and comments on each individual method.

	What counts as a descriptive method name? Isn't that subjective?	It's somewhat subjective, but we tend to take off points only if it's really obvious.
	Is there a difference in starting the counter at 0 in the for loop instead of 1?	Either approach is okay. I showed standard templates for for loops that start at 0 or 1. In some sense, it can be easier to use just one pattern like always starting at 1 and then just adjust your expressions appropriately. But it's okay to mix them if you want.
	The output comparison tool where it tells you how many equal signs there are would have been really nice on some of those practiceit problems! No it doesn't.	That's true...I don't think PracticeIt does the same thing.
40:00	Since we are going to talk about redundancy on Friday, we are not allowed to use that technique on Homework 2 right ? Thank you.	That's right.
	Is it possible to make System.out.Print a variable? Something with a shorter handle? ok	You could define a method that does the equivalent, but that is not a good idea. It's helpful to see System.out.print to know what's going on.
	What is the difference between system.out.print and system.out.println?	System.out.print sends output to the current line of output and stays on that line of output. System.out.println sends output to the current line and then repositions you to the beginning of the next line of output (like hitting the enter key in an editor).
	Is redundancy within homework 2 being graded? Should we wait to start our assignment until after Friday's lecture? Thank you	No. You won't be allowed to use the Friday lecture technique for homework 2. You can have what we call "within line" redundancy for homework 2 (as in spaces to the left and spaces to the right with redundant code to produce that).
	in vscode there is a shortcut that "formats" the entire code. Is it safe to assume that this will fix my formatting/indenting style that you guys are looking for? I saw that. Ok thank you	I'm not familiar with what it does, but it probably is okay. Just make sure that it recreates what we're showing you. There is also an indenter tool available on the homework tab.

	<p>What exactly is “Within line” redundancy?</p> <p>So, we are allowed to use this "within line" redundancy for homework 2, correct?</p>	<p>Redundancy that occurs in a single line (as in symmetry with something to the left and the same thing to the right).</p> <p>You are allowed to have within line redundancy for homework 2.</p>
	<p>If we need a space between method definitions, should we have a space between for loops?</p>	<p>Not necessarily. That’s a matter of personal choice whether you think it makes the code clearer to include a blank line.</p>
	<p>The reason you chose to do print instead of println was because its easier to scale correct?</p>	<p>No. You have to use print to produce a line of output in stages. If you do a println, it completes the line of output and goes to the next line. You can’t do that until you’ve printed all of the characters that belong on a given line of output.</p>
50:00	<p>This is more of a general question. So normally, in order for us to see a pattern in the size and space and dots etc. We would need three or more sets of data right? And the reason we only have two is just for the convenience of the lecture. Thanks in advance.</p>	<p>Two should be enough. You just need to know the difference between two different sizes and then compare that to the differences you see in the expressions you form.</p>
	<p>Will you be including your text windows in the calendar section of the website as well as your code? From todays lecture</p>	<p>I don’t normally include the tables and other notes in the program I post.</p>
	<p>Is the redundancy that you’re going to talk about in Friday’s lecture something we have to worry about for homework 2?</p>	<p>no.</p>
	<p>Is public static final int used in the same way as public static void method? I am trying to understand if we can have multiple public static final int in one public class. As in, if we first do public static final int SIZE 4 and then after that we do the SIZE 3 one? (I hope this was clear!)</p>	<p>Yes, you can have multiple constants in a class and each one would begin with public static final and then the type (int, double, etc). But you can’t define a constant like SIZE to be both 4 and 3. You can define SIZE to be 4 and then define some other constant to have some other value.</p>

	<p>Random question but what did you study as a math major? Like did you double major in philosophy?</p>	<p>I took a lot of classes in the English Department and won several awards there.</p>
	<p>Do you want us to use public static final int instead of using variables?</p>	<p>You are to introduce a class constant for the size for homework 2.</p>
	<p>You talk about flipping the picture in the lecture by using the --. This isn't in the scope of the current lecture or hw or anything but I was wondering if you could call that "top half" a variable and just physically flip the whole thing? ok</p>	<p>There isn't a simple way to do it other than what I showed.</p>
	<p>Can we just use println for the last " " in the line? Instead of having another println I meant using println(" ") instead of print(" ") println() Ok sorry i was a little late, i am watching the first code for "+---+"</p>	<p>I'm not sure what you're suggesting. We end with a println that is printing " ". Yes, I made that change. Right. I didn't do it initially, but I did eventually.</p>
	<p>If i wanted to call several constants under the final int Do i do, ... final int { List different constants... } ok make sense.</p>	<p>No. You would list each separately: public static final int SIZE1 = 4; public static final int SIZE2 = 18;</p>