

CSE142 Lecture Questions for Wednesday, 2/27/21, section A

| Time (e.g., 12:45) | Question | Answer |
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| | Why isn't running listed as one of the sports in today's QoTD? :(| Don't know |
| | Can we find the code for the sample programs anywhere for the start of each session to copy+paste instead of having to manually set it up? Ok, thanks | I don't post code until after the lecture time. |
| | I forgot to ask last lecture, but you when on a little tangent about C sharp and I was wondering, in the future I want to learn to to code in C++ since I've heard its used a lot, but since C sharp was a microsoft only thing like you said, is there any point in learning C Sharp or can I just stick with learning C++? | They're all different and they're all useful to know. It depends on what you're going to do and who you're going to work for. I think C# is a nicer language than C++ and it has a lot in common with Java, but there are still a lot of people who use C++. |
| | Learning many programming over the past years, what is the hardest Programming language you've dealt with? | C++. It's amazingly complex. I felt pretty good the day I understood a method header that had five different occurrences of the keyword "const" and I understood what each one meant. :-) |
| | If C++ is the hardest programming language, what is your favorite one? | It's hard to name a favorite, but I like Ruby and Standard ML. |
| | Does elif work as a shortened form of else if in Java, and if so are we allowed to use it? Ok, thanks! | No, Java does not support that variation. |
| | When would you want to end with an if else rather than else? | If there is a possibility that you don't want to execute any of the branches. As the slide describes it "0 or 1 path" |

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| | <p>I've noticed that sometimes when editing code, you change the indentation without going through and deleting the tabs/spaces on individual lines. This seems like a very useful thing to know, but I can't find the hotkey in the JGrasp settings. How do you do it?</p> | <p>You can select several lines of code and hit the tab key to move it right and hold down shift while you type tab to move it to the left.</p> |
| | <p>I understand the importance of "return," but why does a method produce a string output when we use System.out.println even though the method has "void"? Ah, thank you professor!</p> | <p>Sending text to the console window is an action. It doesn't return a value that could be used later for other kinds of computations.</p> |
| 46:56 | <p>In the line</p> <pre>double bmi = bmiFor(height, weight);</pre> <p>We are passing into the bmiFor method height and weight created in the getBmi method, right?</p> <p>(just want to clarify :D)</p> <p>Thank you!</p> | <p>yes</p> |
| 50:19 | <p>In the end of the lecture, you mentioned that you will talk about some style issues on Friday. Do we need to use these styles in HW4?</p> <p>Thank you!</p> | <p>They will be applicable to homework 4, but you should be able to get started on the homework now.</p> |
| 46:59 | <p>Oh, also, I was wondering why the double BMIFor is able to be capitalized?</p> <p>I see - so is BMI a known acronym? Or can the user use any acronym of their choosing and Java will accept it :o</p> <p>Oh! :) Thank you!!</p> | <p>BMI is an acronym. So there are two competing rules. Do you put an acronym in all uppercase or do you follow Java rules? Java tends to keep acronyms in all caps like URL.</p> <p>It's a personal style issue, so you can do whatever you think is most appropriate.</p> |
| 50:00 | <p>How was your day today? :D</p> | <p>Pretty good...the sun is shining.</p> |

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| | <p>Was there a specific reason the round1 method was called round1 instead of round?</p> <p>That makes sense, thank you</p> | <p>To indicate that it rounds to 1 digit after the decimal point.</p> |
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