

CSE143X Lecture Questions for Friday, 10/16/20

Time (e.g., 12:45)	Question	Answer
8:45	<p>Is there a way to change the dynamic of the array so that it wont change when we modify it. Say that we want a function to take in an array A and change it to an array B, is there a way to have B and A as distinctive arries?</p> <p>Re: so if we have create a copy array y that is equal to x, and made another copy z that is equal to y, would changing z changes x?</p> <p>OK thanks!</p>	<p>You can make a copy of an array and then you would still have the original. Otherwise the answer is no.</p> <p>It sounds like you are talking about a single array x, then create a copy y, then copy y into z. That would be 3 independent arrays that can be changed without changing the others.</p>
	<p>Is it possible to make an immutable array? The final keyword doesn't work</p> <p>Edit: Ok, thank you. Just to clarify, an array declared as final cannot be used to refer to any other array?</p> <p>Got it, thanks!</p>	<p>The final keyword does work, but what it makes final is the reference. So a final variable of an array type will always point to the same array. But the array contents are not immutable. There isn't a way to make the array contents immutable. There are certain collections that we'll see later that allow it. For example, there is a method called Collections.unmodifiableList that has the behavior you're looking for.</p> <p>Yes, if I declare an array variable to be final, then it can only refer to one array (can't be reset).</p>
	<p>Slightly off topic: Why is "foo" used in programming so much? Is it some sort of inside joke?</p>	<p>This is part of what I would call hacker culture. I have included on the "links" tab the following link to the hacker's dictionary. They have a great entry on "foo":</p> <p>http://catb.org/~esr/jargon/html/frames.html</p>

	<p>Str = str + ?? , java will cast ?? to string automatically whatever ?? is an int or char?</p> <p>"" is an empty string?</p> <p>thanks!</p>	<p>You can concatenate anything to a string. That's why you never need methods like Integer.toString. You can always say:</p> <p>"" + x</p> <p>to form a string...yes "" is an empty string.</p>
--	---	--