Objectives		
A new data ty	pe: Lists	
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Review	Lab was yesterday, so won't review in class Here for reference when you review later
How do you forma	t strings?
What does a forma	at specifier look like?
What questions should be strings/creating the	ould you ask when formatting e format specifier?
How can we find the	ne ASCII value for a character?
How can we find the ASCII value?	ne character associated with an
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**List Operations** Similar to operations for strings Concatenation <seq> + <seq> <seq> \* <int-expr> Repetition <seq>[<int-expr>] Indexing len(<seq>) Length Slicing <seq>[:] for <var> in <seq>: Iteration Membership <expr> in <seq> March 9. 2022 Sprenkle - CSCI111 8









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## Example Code friends = ["Alice", "Bjorn", "Casey", "Duane", "Elsa", "Farrah"] for name in friends: print("I know " + name + ".") print(name, "is a friend of mine.") print("Those are the people I know.") Practice on your own: Rewrite as an "iterate over positions in list" loop

Comp	lete Old MacDonald
	animals = ["cow", "pig", "duck"] sounds = ["moo", "oink", "quack"]
	for i in range(len(animals)):
	printVerse(
Doc String:	
printVer Prin and	se(animal, sound) ts a verse of Old MacDonald, plugging in the animal sound parameters (which are strings), as appropriate.
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Practice
• Get the list of weekend days from the days of the week list
• daysInWeek=["Sun", "Mon", "Tue", "Wed", "Thu", "Fri", "Sat"]
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Fibonacci Seq • Create a list of t ▶ F <sub>0</sub> =0; F <sub>1</sub> =1; F <sub>n</sub> =	<mark>uence</mark> :he 1st 20 Fibo F <sub>n-1</sub> + F <sub>n-2</sub>	onacci numb	ers
		Grow list as we	go
<pre>fibs = [] fibs.append(0) fibs.append(1)</pre>	# create an en # append the	npty list first two Fib n	umbers
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