	idea Maria La Carta
Intro to Lists	
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Lists Lists are a type of data structure in Python	
- Lists are the most common sequence	and and a second a
 Lists are mutable, which means, once defined, the individual elements can be changed To create a list, specify comma separated values, in between square brackets [] 	255
Values included do not need to be all of the same type Each list item is assigned an index value, starting at 0	
Course terms assigned an index today stating at 0	<u></u>
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Lists	
Create a list with random strings	
list1 = ['1', 'dog', 'cat', '789'] • Print the list	uan 性能
print(list1) Get the length of the list	
print(len(list1)) • Get the 2∞ item in the list	
print(list1[1])	
 Get the 5th item in the list print(list1[4]) #Note: this doesn't exist! 	
For reference: https://docs.oxthon.org/3/tutorial/datastructures.html/hightslistsmore.condists_	
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Lists	
You can add items to a list	
list1.append("hello")	
Remove items from a list	
<pre>list1.pop() #removes the last item in the list</pre>	
print(list1)	
<pre>list1.pop(1) #removes the 2nd item in the list print(list1)</pre>	
Check if an item is in a list	
<pre>print('dog' in list1)</pre>	