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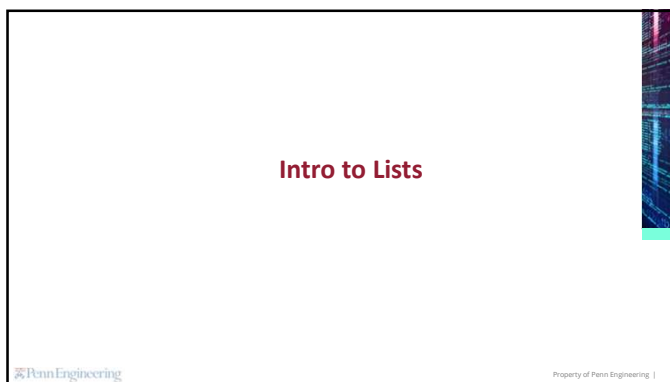
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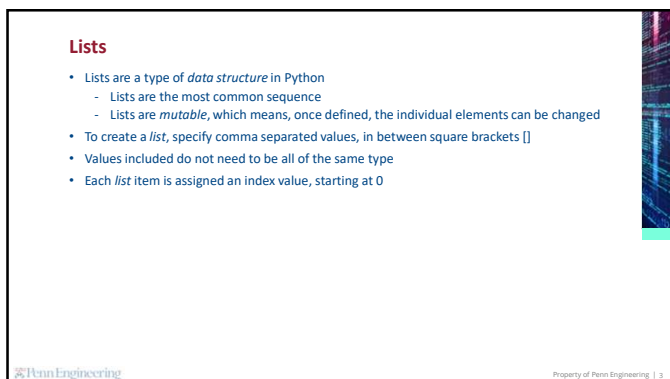
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### Lists

- Create a list with random strings  
`list1 = ['1', 'dog', 'cat', '789']`
- Print the list  
`print(list1)`
- Get the length of the list  
`print(len(list1))`
- Get the 2<sup>nd</sup> item in the list  
`print(list1[1])`
- Get the 5<sup>th</sup> item in the list  
`print(list1[4])` #Note: this doesn't exist!

For reference: <https://docs.python.org/3/tutorial/datastructures.html#high-light-list#more-on-lists>

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Property of Pen Engineering | 4

4

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### Lists

- You can add items to a list  
`list1.append("hello")`
- Remove items from a list  
`list1.pop()` #removes the last item in the list  
`print(list1)`  
`list1.pop(1)` #removes the 2<sup>nd</sup> item in the list  
`print(list1)`
- Check if an item is in a list  
`print('dog' in list1)`

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5

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