Lecture 25 Worksheet Comprehensions

A.Given the following:

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words = ["pineapple", "mango", "quince", "blueberry", "orange"]
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- 1. Use comprehension to create a list of the words that contain "o"
- 2. Use comprehension to create a list of words that have a length > 7
- 3. Use comprehension to create a list of integers that represent the length of each word $\ensuremath{\text{1}}$
- 4. Use comprehension to create a list of words that end with "e"

B.Given the following:

- 1. Use comprehension to create a list of the names
- 2. Use comprehension to create a dictionary where the key is the same key, but the value is the min of each list
- 3. Use comprehension to create a dictionary where the key is the same key, but the value is the average of each list

C. Given the following:

- 1. Use comprehension to create a list of names of people who scored $\!>\!$ 10 goals
- 2. Use comprehension to create a list of all unique positions