DSE5002 MODULE 5 LAB

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        From Think Python, Chapter 10,
        10.11.2, 10.11.4
In [3]: 10.11.2. Exercise
        Use get to write a more concise version of value counts. You should be able to elim
In [3]: def value counts concise(s):
            counts = {}
            for char in s:
                 counts[char] = counts.get(char, 0) + 1
            return counts
        # Let's test it out
        result = value counts concise('brontosaurus')
        print(result)
       {'b': 1, 'r': 2, 'o': 2, 'n': 1, 't': 1, 's': 2, 'a': 1, 'u': 2}
In [ ]: Exercise 10.11.4
        10.11.4. Exercise
        Write function called find_repeats that takes a dictionary that maps from each key
In [5]: def find_repeats(counter):
             """Makes a list of keys with values greater than 1.
                 counter: dictionary that maps from keys to counts
                 returns: list of keys
            repeated_keys = []
            for key, count in counter.items():
                 if count > 1:
                     repeated_keys.append(key)
            return repeated_keys
        # Let's test it with the output from our value_counts function
        word_counts = value_counts_concise('brontosaurus')
        repeated = find repeats(word counts)
        print(f"Counts of each letter: {word_counts}")
        print(f"Letters that appear more than once: {repeated}")
       Counts of each letter: {'b': 1, 'r': 2, 'o': 2, 'n': 1, 't': 1, 's': 2, 'a': 1, 'u':
       Letters that appear more than once: ['r', 'o', 's', 'u']
In [ ]:
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