Summary

You have reached the end of this topic. In this topic, you learned how to:

* Create a dictionary object.
* Access contents of a dictionary object using hashing.
* Perform operations on dictionary object.

You also had a chance to practice some code using the Code Challenge. Here is the ideal solution for the code challenge.

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| Problem Statement | Ideal Solution |
| For each of the statements displayed below, write the code that will display the required result for the given dictionary.  villians={1:"magneto", 2:"Joker", 3:"Doctor Doom", 5:"Lex Luthor", 9:"Green Goblin", 6:"Loki"}  1. Display the length of the dictionary.  2. Display the key which has the least value.  3. Display the value of the key 9 as well as delete it simultaneously.  4. Display all the values in dictionary.  5. Delete all the elements in the dictionary while retaining the empty object. | >>> villians={1:"magneto", 2:"Joker", 3:"Doctor Doom", 5:"Lex Luthor", 9:"Green Goblin", 6:"Loki"}  >>> len(villians)  6  >>> min(villians)  1  >>> villians.pop(9)  'Green Goblin'  >>> villians.values()  dict\_values(['magneto', 'Joker', 'Doctor Doom', 'Lex Luthor', 'Loki'])  >>> villians.clear()  >>> villians  {} |