

In []: Question :1 What does an empty dictionary's code look like?
Ans: An empty dictionary is often represented by two empty curly brackets
d = {}

In []: Question :2 what is the value of dictionary value with key 'foo' and the value 42 ?
Ans: {'foo':42}

In []: Question :3 What is the most significant distinction between a dictionary and a list?
Ans: Dictionaries are represented by {} where as lists are represented by []
The items stored in a dictionary are unordered and key and value, while the items in a list are ordered

In []: Question :4.What happens if you try to access spam ['foo'] if spam is {'bar':100} ?
Ans: we will get a KeyError: 'foo'

In []: Question :5 if a dictionary is stored in spam, what is the difference between the expressions 'cat' in spam and 'cat' in spam.keys() ?
Ans: There is no difference. The operator checks whether a value exists as a key in the dictionary or not

In []: Question :6 if a dictionary is stored in spam, what is the difference between the expressions 'cat' in spam and 'cat' in spam.values() ?
Ans: 'cat' in spam checks whether there is a 'cat' key in the dictionary, while 'cat' in spam.values() checks whether there is a value 'cat' for one of the keys in spam.

In []: Question NO 7: What is a shortcut for the following code ?
if 'color' not in spam: spam['color'] = 'black'

Ans: spam.setdefault('color', 'black')

In []: Question:8 How do you 'pretty print' dictionary values using which modules and function ?
Ans: we can pretty print a dictionary using three functions

by using pprint() function of pprint module
Note: pprint() function does not pretty print nested dictionaries
by using dumps() method of json module
by using dumps() method of yaml module

In []:

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