1. What does an empty dictionary's code look like?

Ans:- To create an empty dictionary, the dictionary should be set to **{}**

1. What is the value of a dictionary value with the key 'foo' and the value 42

Ans:- {'foo': 42}

1. What is the most significant distinction between a dictionary and a list?

Ans:- A list is an ordered sequence of objects, whereas dictionaries are unordered sets. However, the main difference is that items in dictionaries are accessed via keys and not via their position. Any key of the dictionary is associated (or mapped) to a value. The values of a dictionary can be any type of Python data

1. What happens if you try to access spam['foo'] if spam is {'bar': 100}?

Ans:- The Key [‘foo ’] is not defiend so program is fail

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Ans:-There is no difference. The in operator checks whether a value exists as a key in the dictionary. '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

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7. What is a shortcut for the following code?

if 'color' not in spam:

spam['color'] = 'black'

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

1. How do you "pretty print" dictionary values using which module and function?

Ans:-pprint is a Python module that provides the capability to pretty print Python data types to be more readable. This module also supports pretty-printing dictionary.