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

Answer:

{}

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

Answer:

{‘foo’:42}

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

Answer:

|  |  |
| --- | --- |
| dictionary | list |
| The item or elements stored in a dictionary are unordered. | The items or elements stored in a list are ordered. |
| It is declared with curly brackets. | It is declared with square brackets. |

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

Answer:

KeyError: 'foo'

5. If a dictionary is stored in spam, what is the difference between the expressions 'cat' in spam and 'cat' in spam.keys()?

Answer:

Both the expression gives result True. This is because “in” operator checks whether a value exists as a key in the dictionary.

6. If a dictionary is stored in spam, what is the difference between the expressions 'cat' in spam and 'cat' in spam.values()?

Answer:

-> 'cat' in spam checks whether there is a 'cat' key in the dictionary

-> 'cat' in spam.values() checks whether there is a value 'cat' for one of the keys in spam

7. What is a shortcut for the following code?

if 'color' not in spam:

spam['color'] = 'black'

Answer:

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

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

Answer:

-> pprint module

-> pprint.pprint() function