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

Answer

An empty dictionary is donated by two curly brackets ie, { } .

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

Answer

The key : value pair of the given dictionary of key foo and value 42 will be **{‘foo’:42}.**

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

Answer

We can access the elements in list using indexes where as to access the elements in dictionary by using key and value.

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

Answer

We will get a key error as the key ‘foo’ is unavailable in the given dictionary.

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 operators check for the keys in the dictonary. Hence there will not be any difference.

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

Answer

Both the operators check for the keys in the dictonary. Hence there will not be any difference.

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

Import pprint

Pprint.pprint( )