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

ANSWER1

{}

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

ANSWER2

{‘foo’, 42}

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

ANSWER3

List is in order and dictionary is unorder.

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

ANSWER5

You will get error (KeyError) .

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

ANSWER5

There is NO difference

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

ANSWER6

Spam dictionary checks if there is ‘cat’ key, spam.values() checks if there is ‘cat’ value.

1. What is a shortcut for the following code?

if 'color' not in spam:

spam['color'] = 'black'

ANSWER7

spam.setdefault(‘color’, ‘black’)

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

ANSWER8

pprint.pprint()