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 uses {} brackets, and item stored in a dictionary are unordered.

List uses [] brackets, and item stored in a list are ordered.

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

Answer: error

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

Answer: No difference

‘cat’ in spam checks for ‘cat’ key in the Dictionary.

‘cat’ in spam.keys() checks for a key as ‘cat’ 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 for ‘cat’ key in the Dictionary.

‘cat’ in spam.values() checks for 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.default(‘color’,’black’)

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

Answer:

pprint.pprint()