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

emptyDict = {}

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

Dict = {“ foo” : 42}

Value is 42

Key is “foo”

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

Dictionary stores the element in the key value pair whereas the list allows to store the element not in the key value pair.

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

Error will occur because there is no key such as ‘foo’ in the given dictionary span.

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

They both are same as they both are checking the ‘cat’ in the keys.

The expressions 'cat' in spam will generate Boolean TRUE as output.

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

'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.

1. What is a shortcut for the following code?

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

if 'color' not in spam:

spam['color'] = 'black'

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

pprint.pprint()