Name: Md Sajid Ansari
Full Stack Data Science- iNeuron 2021
Python Basic Assignment: Assignment 5

Question 1.

What does an empty dictionary's code look like?

Answer 1:

Two curly brackets: {}

Question 2.

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

Answer 2:

{'foo': 42}

Question 3.

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

Answer 3:

The items stored in a dictionary are unordered, while the items in a list are ordered.

Question 4.

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

Answer 4:

We get a KeyError error.

Question 5.

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

Answer 5:

There is no difference. The in operator checks whether a value exists as a key in the dictionary.

Question 6.

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

Answer 6:

'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.

Question 7.

What is a shortcut for the following code?
if 'color' not in spam:
spam['color'] = 'black'

Answer 7:

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

Question 8.

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

Answer 8:

pprint.pprint()