Assignment 5

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

An empty dictionary's code look like- {}.

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

{‘foo’ : 42}

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

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

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

Key error

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

There is no difference.

6. 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 whereas ‘cat’ in spam.values() checks whether there is a value ‘cat’ from one of the key in a dictionary.

7. What is a shortcut for the following code?

if 'color' not in spam:

spam['color'] = 'black'

spam.setdefault(‘color’ , ’black’)

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

pprint.pprint()