**Assignment\_5**

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

**Ans: dict{}**

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

**Ans: dict={‘foo’: 42,}**

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

**Ans: The items stored in dictionary are unordered, while in list they are ordered.**

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

**Ans: 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()?

**Ans: 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()?

Ans:

7. What is a shortcut for the following code?

if 'color' not in spam:

spam['color'] = 'black'

**Ans: spam.setdefault(‘color’ , ‘black’)**

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

**Ans: pprint.pprint()**