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

=> it looks 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 dictionary Is unordered while the item stored in list are ordered.

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

=> We will get error because there is no mention of it.

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

=> There will be no difference because it will search for same value.

**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 wheather there is cat key in the dictionary while cat in spam.value() checks whetherthere is 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'

=>Spam.setdefault(‘color’,’black’)

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

=> pprint.pprint()