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

**Ans: The dictionary be like set {}.**

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

**Ans: 42**

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

**Ans: A list refers to a collection of various index value pairs and a dictionary refers to a hashed structure of various pairs of keys and values.**

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

**Ans: KeyError: 'foo'**

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

**Ans: spam.keys() retruns a list of keys in spam ans spam[‘cat’] retruns the value stored in dictionary.**

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

**Ans: spam.values() returns a list of vaues in spam dictionary and spam[‘cat’] returns the value stored in the dictionary.**

7. What is a shortcut for the following code?

if 'color' not in spam:

spam['color'] = 'black'

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

**Ans : from pprint import pprint**

**pprint(spam)**