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

Ans: d = {}

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: List stores values in comma separator square brackets whereas dictionary store values as key value pair.

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

Ans: It gives you 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: Both are same because spam is dictionary so that we can access the value assign to it.

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() it might access value in the dictionary.

7. What is a shortcut for the following code?

if 'color' not in spam:

spam['color'] = 'black'

Ans: spam[‘color’] = ‘black’

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

Ans: we need to import pprint and we need to use pprint function.