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

Ans - dic = {}

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

Ans – dic = {‘foo’:42}

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

Ans – Dictionary always enclosed with {}. List always enclosed with [].

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

Ans - KeyError

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. The operator checks whether there is a value exist for the key.

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

Ans – ‘cat’ will check whether there is cat key is present in the dictionary or not. While 'cat' in spam.values() will check whether there is ‘cat’ value present for any key or not.

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()