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 : d={‘foo’:42}

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

Ans: Dictionary store data in key-value format where as list store data in single value format.

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

Ans: You will get 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: There is no difference in both the expression both will check ‘cat’ keyword in dictionary keys.

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

Ans: There is no difference in both the expression both will check ‘cat’ keyword in dictionary keys.

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()