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

ANS- Just placing to curly braces {}.

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 - The items stored in a dictionary are unordered, while the items in a list are ordered.

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

ANS - get a KeyError 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 -There is no difference.

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' in spam checks whether there is a 'cat' key in the dictionary, while 'cat' in spam.values() checks whether there is a 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'

ANS- spam.setdefault('color', 'black').

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

ANS- pprint.pprint().