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

**Answer:** { }

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

**Answer:** {foo:42}

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

**Answer:** 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}?

**Answer:** It will give keyerror

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

**Answer:** 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()?

**Answer:** ‘Cat’ in spam checks whether keyword ‘cat’ is there in dictionary or not while ‘cat’ in spam.values() checks whether any value cat is there for any key.

7. What is a shortcut for the following code?

if 'color' not in spam:

spam['color'] = 'black'

**Answer:** spam.setdefault('color','Black')

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

**Answer:** import pprint

pprint.pprint(<dictionary>)