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

A: Two ways are : emptydict = {} ; emptydict = dict()

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

A: 42

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

A: Dictionary has key value pairs as its elements and are unordered whereas list can contain different datatype elements and are ordered.

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

A: 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()?

A: Cat in spam represents a key. Cat in spam.keys() represents a key.

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

A: Cat in spam represents a key. Cat in spam.values() represents a value.

7. What is a shortcut for the following code?

if 'color' not in spam:

spam['color'] = 'black'

A: spam.setdefault(‘color’ , ‘black’)

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

A: pprint module and pprint() function.