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

**{}**

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

**{‘foo’:42}**

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

**Lists are ordered sets while Dictionaries are not, also dictionary has key value pairing.**

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

**KeyError**

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

**Both are Same.**

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

**Cat in spam—‘cat’ key in Dictionary**

**Cat in spam.values()—‘cat’ for one of the keys in Dictionary.**

7. What is a shortcut for the following code?

if 'color' not in spam:

spam['color'] = 'black'

**spam.setdefault(‘color’,’black’)**

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

**Importing pprint module helps us to access pprint() and pformat() that will “pretty print” dictionary values.**

**Pprint.pprint()**