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

Answer: dict\_var = {}

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

Answer: dic = {‘foo’:42} Here value is 42.

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

Answer: lists are ordered can be accessed by index positions.

Dictionaries are unordered and can only be accessed by valid keys.

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

Answer: we get 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()?

Answer: spam{“cat”} returns value of key “cat”.

spam.keys() returns list of all keys of dictionary spam.

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

Answer: spam{“cat”} returns value of key “cat”.

spam.values() returns list of all values of dictionary spam.

7. What is a shortcut for the following code?

if 'color' not in spam:

spam['color'] = 'black'

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

Answer: pprint.pprint(variable\_name)