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

Ans. D={ }

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

Ans. 42

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

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

Ans. This will give 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()?

Ans. There is no difference between the two both will give same results.

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 -searches for the key ‘cat’ in the dictionary spam, whereas

‘cat’ in spam.values() – searches for the value ‘cat’ in the dictionary spam values.

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?

D={ }

Import pprint

Pprint.pprint(d)