ASSIGNMENT 5

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

Ans. An empty pair of curly brackets {}.

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

Ans. d= {‘foo’: 42}

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

Ans. Lists use the square brackets[] while dictionaries use the curly brackets{}. Items stored in a list are ordered while items stored in the dictionary are unordered.

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

Ans. We get 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. ‘cat’ in spam checks whether there is a ‘cat’ key in the dictionary while ‘cat’ in spam.values() checks whether there is a value ‘cat’ for one of the keys in spam.

6. What is a shortcut for the following code?

if ‘color’ not in spam:

spam[‘color’] = ‘black’

Ans. spam.setdefault(‘color’, ‘black’)

7. How do you “pretty print” dictionary values using which module and function?

Ans. We can use pprint module which has built in function called pprint().

pprint.pprint()