ASSIGNMENT 5 Python

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

Ans: {}

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

Ans: {‘foo’:42}

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

Ans: The most important distinction between a dictionary and list is:

Items in dictionary are unorganized, while items in list are ordered.

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

Ans: This will show an error.

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

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 checks the ‘cat’ key in the dictionary, while ‘cat’ in spam.values() shows that is there a value ‘cat’ for one of the key?

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?

Ans: Use library pprint( ) i.e a built-in library

Use dump( )function of yaml module.