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Assignment : 5th

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

emptyDict = {}

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?

List is used by [] brackets, Dictionary is used by {}brackets.

Lists uses integer indexes starting from 0, Dictionary can use any data type.

In Lists, elements are accessed by indexes, In Dictionary with the help of key-values.

In Lists, order of elements are maintained, In Dictionary there is no order.

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

It will throw key error, as we are mentioning wrong undefined key.

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

No difference, operator will only check existence of key in a dictionary, that whether its present or not.

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 will check for existence of key in dictionary where spam.value will check whether there is any existed key-value present for key or not.

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?

By using pprint() function which comes under pprint()module.