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

Answer : A={}

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

Answer: A={‘FOO’:42}

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

Answer: List is an ordered collection of objects. Where as in dictionary everything is stored in the form of key value pair and there is no order in them . We access them using the key

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

Answer: It will throw an error as the spam dictionary does not contain this key value pair

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

Answer: There is no difference both of them searches for keys only

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

Answers:

'cat' in spam -🡪searches for the keys in dictionary

'cat' in spam.values()-🡪searches if there are any values with cat for the keys In dictionary

7. What is a shortcut for the following code?

if 'color' not in spam:

spam['color'] = 'black'

Ans: Just ['color'] = 'black' is enough if the spam is of type dictionary

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

Answers:

PPrint means Pretty Print .It will helps us to print the data with a better view

import pprint as ABC

A={'KEY3':'Hello Guys This is Pretty Print Line One ','KEY2':'Hello Guys this is Prtty Print Line Two'}

print("\*\*\*\*\*\*Normal print is as below\*\*\*\*\*\*\*\*\*\*\* ")

print(A)

print("\*\*\*\*\*\*\*\*Below is the pretty Print\*\*\*\*\*\*\*\*\*\*\*\*")

ABC.pprint(A)

Output is below which is copied from Ancaonda …

\*\*\*\*\*\*Normal print is as below\*\*\*\*\*\*\*\*\*\*\*

{'KEY3': 'Hello Guys This is Pretty Print Line One ', 'KEY2': 'Hello Guys this is Prtty Print Line Two'}

\*\*\*\*\*\*\*\*Below is the pretty Print\*\*\*\*\*\*\*\*\*\*\*\*

{'KEY2': 'Hello Guys this is Prtty Print Line Two',

'KEY3': 'Hello Guys This is Pretty Print Line One '}