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

Ans) no elements in curly brackets {}

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

Ans) 42

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

1.Both are mutable and dynamic. They can grow and shrink as needed. Both can be nested. A list can contain another list. A dictionary can contain another dictionary. A dictionary can also contain a list, and vice versa.

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

Ans) None

1. 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 – prints keys of cat in the dictionary

Spam.keys(‘cat’) - prints keys of dictionary

1. 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 prints the keys of cat in the dictionary

Spam.values () - The view object contains the values of the dictionary as a list.

1. What is a shortcut for the following code?

if 'color' not in spam:

spam['color'] = 'black'

Ans ) spam = {‘color’: ‘black’}

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

Ans) module: pprint()

Function: pprint()

Usuage: pprint.pprint(dct\_arr)