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

ANS – Dict = {}

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

ANS - {‘foo’ : 42}

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

ANS – In dictionary, we have to provide arguments in key and value pair in {} braces. While in list there is no need of key value pair, and list is given in [] braces.

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

ANS – Got a KeyError.

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

ANS - There is no difference. The in operator checks whether a value exists as a key in the dictionary.

1. 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.values() checks whether there is a value 'cat' for one of the keys in spam.

1. What is a shortcut for the following code?

if 'color' not in spam:

spam['color'] = 'black'

ANS - spam.setdefault('color', 'black')

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

ANS - spam.values()