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

Dict = {}

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

Dict1 = {‘foo’:’42’}

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

ANS: Dictionary has key value pair, Where as list has only sequence.

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

ANS: You get a key Errr

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

**There is no difference**. The in operator checks whether a value exists as a key in the dictionary. 'cat' in spam checks whether there is a 'cat' key in the dictionary, while 'cat' in spam. values() checks whether there is a value 'cat' for one of the keys in spam .

7. What is a shortcut for the following code?

if 'color' not in spam:

spam['color'] = 'black'

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

ANS: Within the pprint module there is a function with the same name pprint(), which is the function used to pretty-print the given string or object. Basically its pretify the “string or object”