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

Ans:-A={}

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

Ans:- A={'foo':42}

1. What is the most significant distinction between a dictionary and a list?
2. Ans:-List does not have any key value concepts ,Its a  collection of various index value pairs, and dictionary basically work on various pairs of Key and Value
3. What happens if you try to access spam['foo'] if spam is {'bar': 100}?

Ans:-Its throws an Error because Foo key is not present in this Spam dictionary.

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

If cat is a key in dictionary then its throws true for both the cases

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

Ans:-If cat is key then it will return true in first condition and false in second condition.

7. 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:- **import pprint**