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

* {}

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

* 42

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

* Items in dictionaries are accessed via keys and but in list it is accessed via their position

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

* It will throw error

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

* No difference, it will return same result

6. 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 will be True only if ‘cat’ is key name in spam
* While 'cat' in spam.values() will be True only if ‘cat’ is value of one of the key present in dictionary

7. What is a shortcut for the following code?

if 'color' not in spam:

spam['color'] = 'black'

* spam.update({'color': 'black'})

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

* Module is pprint ie. Import pprint
* Function is pprint()