Python basics assigments-5

1. An empty dictionary's code looks like this: {}
2. The value of a dictionary value with the key 'foo' and the value 42 is 42.
3. The most significant distinction between a dictionary and a list is that a dictionary is unordered and uses keys to access its values, while a list is ordered and uses indices to access its values.
4. If you try to access spam['foo'] if spam is {'bar': 100}, a KeyError will be raised because 'foo' is not a key in the dictionary.
5. If a dictionary is stored in spam, the expression 'cat' in spam will check if 'cat' is a key in the dictionary, while the expression 'cat' in spam.keys() will check if 'cat' is one of the keys in the dictionary.
6. If a dictionary is stored in spam, the expression 'cat' in spam will check if 'cat' is a key in the dictionary, while the expression 'cat' in spam.values() will check if 'cat' is one of the values in the dictionary.
7. A shortcut for the following code is: spam.setdefault('color', 'black')
8. You can "pretty print" dictionary values using the pprint module and the pprint() function. For example: import pprint spam = {'key1': 'value1', 'key2': 'value2'} pprint.pprint(spam)