

1. What does an empty dictionary's code look like?
 - A. Dict = {}
It is denoted by open and close curly brackets.
2. What is the value of a dictionary value with the key 'foo' and the value 42?
 - A. {'foo':42}
Here the key is 'foo' and the value is 42.
3. What is the most significant distinction between a dictionary and a list?
 - A. A list is an ordered sequence of objects, whereas dictionaries are unordered sets.
However, the main difference is that items in dictionaries are accessed via keys and not via their position.
4. What happens if you try to access spam['foo'] if spam is {'bar': 100}?
 - A. We will get KeyError: 'foo'
5. If a dictionary is stored in spam, what is the difference between the expressions 'cat' in spam and 'cat' in spam.keys()?
 - A. There is no difference, they both check whether 'cat' is in the keys or not.
6. If a dictionary is stored in spam, what is the difference between the expressions 'cat' in spam and 'cat' in spam.values()?
 - A. 'cat' in spam checks the keys for 'cat', whereas 'cat' in spam.values() check the values for 'cat'
7. What is a shortcut for the following code?
if 'color' not in spam:
 spam['color'] = 'black'
 - A. spam.setdefault('color','black')
8. How do you "pretty print" dictionary values using which module and function?
 - A. By using pprint() function of pprint module, dumps() method of json module, dump() method of yaml module