

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?
`{"foo": 42}`
3. What is the most significant distinction between a dictionary and a list?
`The items in a dictionary are unordered, while the items in a list are order.`
4. What happens if you try to access `spam['foo']` if `spam` is `{'bar': 100}`?
`You get a KeyError error.`
5. 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.`
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 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'`

`spam.setdefault('color', 'black')`
8. How do you "pretty print" dictionary values using which module and function?
`pprint.pprint()`