

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?
3. What is the most significant distinction between a dictionary and a list?
4. What happens if you try to access `spam['foo']` if `spam` is `{'bar': 100}`?
5. If a dictionary is stored in `spam`, what is the difference between the expressions `'cat' in spam` and `'cat' in spam.keys()`?
6. If a dictionary is stored in `spam`, what is the difference between the expressions `'cat' in spam` and `'cat' in spam.values()`?
7. What is a shortcut for the following code?

`if 'color' not in spam:`

`spam['color'] = 'black'`
8. How do you "pretty print" dictionary values using which module and function?