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

**Ans {}**

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

**Ans {'foo': 42}**

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

**Ans Dictionary has key and value while list only has value**

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

**Ans No change as it will try to match what will be foo value**

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

**Ans There is no difference**

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

**Ans ‘cat’ in spam will chek whether we have key like this and ‘cat’ in spam.keys() will check key has value ‘cat’ value or not**

7. What is a shortcut for the following code?

if 'color' not in spam:

spam['color'] = 'black'

**Ans spam.setdefault('color', 'black')**

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

**Ans pprint.pprint()**