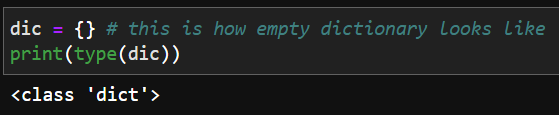
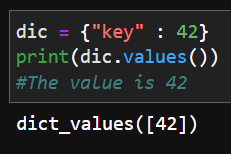
**1. What does an empty dictionary's code look like?**

Ans:



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

Ans:

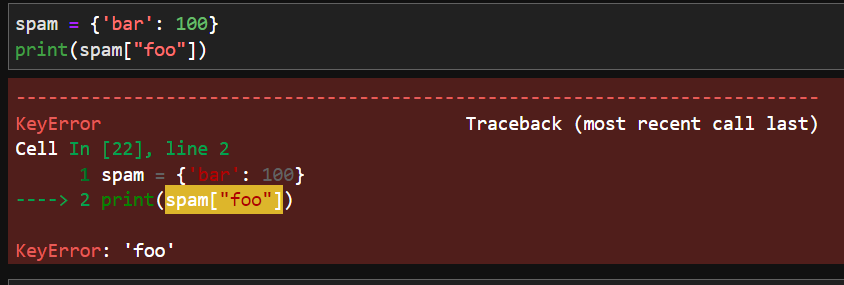


**3. What is the most significant distinction between a dictionary and a list?**

Ans: A list consists of a list of values where as in dictionaries we have a key-value pair.( Also in previous version of python dictionaries were unordered which is not the case now and lists were always ordered)

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

Ans :



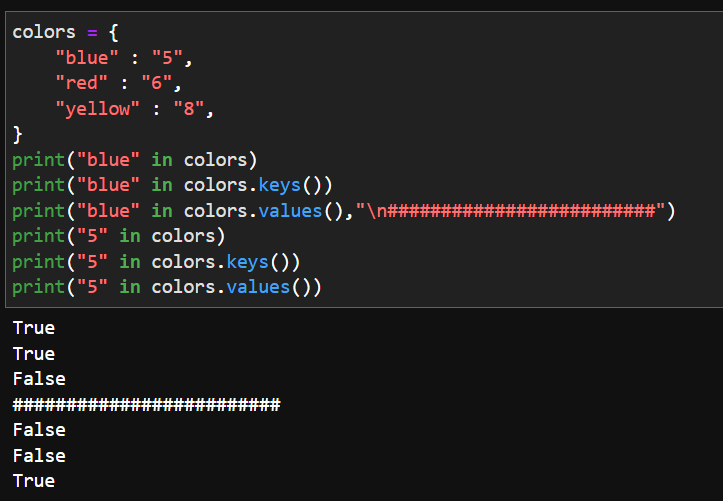
We get a KeyError as the key “foo” cannot be found in the dictionary bar.

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

Ans: No difference as both check whether “cat” is present in the key of 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()?**

Ans: 'cat' in spam checks whether 'cat' is present in the keys within the dictionary whereas 'cat' in spam.values() checks whether 'cat' is present in values(of some corresponding key) in dictionary.

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An example of how it works

**7. What is a shortcut for the following code?**

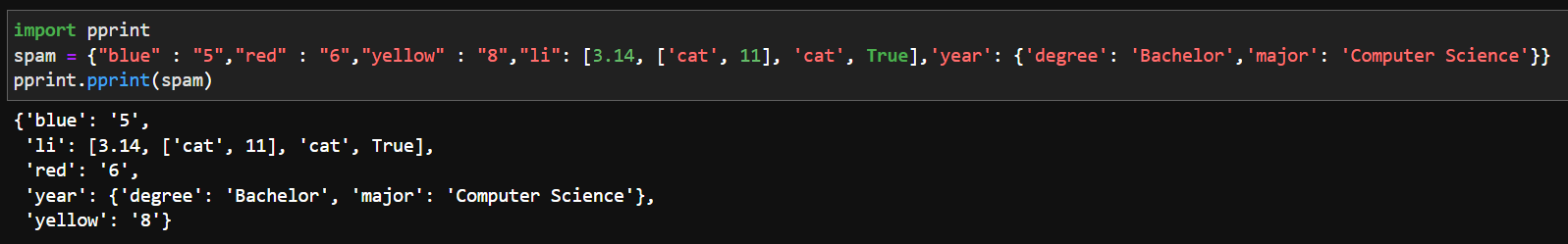
**if 'color' not in spam:**

**spam['color'] = 'black'**

Ans:



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

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Import pprint and use function pprint()