1. **What does an empty dictionary's code look like?**
   Answer:
   Two curly brackets {}
2. **What is the value of a dictionary value with the key 'foo' and the value 42?**
   Answer:
   {'foo'=42}
3. **What is the most significant distinction between a dictionary and a list?**
   Answer:
   The item in dictionary are unordered while the item in lists are ordered.
4. **What happens if you try to access spam ['foo'] if spam is {'bar': 100}?**
   Answer: 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 ()?**
   Answer: 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 ()?**
   Answer: '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'
   Answer:
   spam.setdefault ('color','black')
8. **How do you "pretty print" dictionary values using which module and function?**
   Answer:
   pprint.pprint ()