In [1]: `#1 An empty pair of curly braces {} is an empty dictionary.`

In [2]: `#2 {'foo':42}`

In [6]:
```
#3   Lists are used to store the data, which should be ordered and sequential.
       #On the other hand, dictionary is used to store large amounts of data for easy an
     #List is ordered and mutable, whereas dictionaries are unordered and mutable.
```

In [7]: `#4 You get a KeyError error.`

In [8]: `#5 There is no difference, the expression " 'cat' in spam " checks whether 'cat' is a`

In [9]:
```
#6   There is no difference. The in operator checks whether a value exists as a key in
     #'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 th
```

In [10]: `#7  spam.setdefault('color', 'black')`

In [ ]: `#8 pprint.pprint()`