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- 42

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

Ans- List is a mutable type meaning that lists can be modified after they have been created. A dictionary is a key-value store. It is not ordered and it requires that the keys are hashable. It is fast for lookups by key

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

Ans-error

5. 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. The in operator checks whether a value exists as a key in the dictionary. 'cat' in spam checks whether there is a 'cat' 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()?

Ans- 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'

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

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

Ans- The module is pprint.

The function are pprint.pprint() and pprint.pformat().

|  |
| --- |
|  |
|  |  |