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

**Answer:**

abc\_dict={}

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

**Answer:**

abc\_dict={‘foo’:42}

print(abc\_dict[‘foo’]) --🡪 42

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

**Answer:**

The most significant distinction between a dictionary and a list in Python is that a list is an ordered collection accessed by index, whereas a dictionary is an unordered collection of key value pairs and values accessed by keys.

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

**Answer**:

We will get key doesn’t exist error.

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

**Answer:**

Both expression returns **TRUE** value.

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

**Answer:**

Both expression returns **TRUE** value.

7. What is a shortcut for the following code?

if 'color' not in spam:

spam['color'] = 'black'

**Answer:**

spam['color'] = spam.get('color', 'black')

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

**Answer:**

from pprint import pprint