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

Ans- a = {}

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

Ans- {“foo”:42}

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

Ans- in dictionary we access the item via key no by the position like list.

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

Ans- 'dict' object is not callable

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

Ans- spam = {"a": "cat"} and dict\_keys(['a'])

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

Ans- spam = {"a": "cat"} and dict\_values(['cat'])

1. What is a shortcut for the following code?

if 'color' not in spam:

spam['color'] = 'black'

Ans-

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

Ans- import pprint

spam = {"a": "cat"}

pprint.pprint(spam)