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

ANSWER.

dict = {}

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

ANSWER.

dict = {‘foo’ : 42}

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

ANSWER.

Lists use numerical indices where dictionary use key for access.

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

ANSWER.

You will get ‘KeyError’.

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

ANSWER.

‘cat’ in spam tries to access the value of the key ‘cat’.

spam.keys() checks if the ‘cat’ key exists in spam.

6. What is a shortcut for the following code?

if 'color' not in spam:

spam['color'] = 'black'

ANSWER.

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

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

ANSWER.

module: pprint

function: pprint(spam)