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

Two curly brackets: {}

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

{'foo': 42}

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

The items stored in a dictionary are unordered, while the items in a list are ordered.

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

You get a KeyError error.

5. What is the difference between the terms 'cat' in spam and 'cat' in spam if a dictionary is contained in spam?

What is the function keys()?

The keys() method returns a view object. The view object contains the keys of the dictionary, as a list.

6. What is the difference between the terms 'cat' in spam and 'cat' in spam.values() when a dictionary is contained in spam?

'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 the keys in spam.

7. What is the quickest way to type the following code?

if the word 'colour' isn't in spam:

'black' for spam['color']

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

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

pprint.pprint()