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

Ans->Two curly brackets: {}

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

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

Ans-> You get a KeyError error.

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

Ans->There is no difference. The in operator checks whether a value exists as a key in the dictionary.

What is the function keys()?

Ans-> The function key () is ‘cat’

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

Ans-> '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']

Ans-> spam.setdefault('color', 'black')

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

Ans-> pprint.pprint()