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

Ans : {}

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 in the dictionary are unordered while in the lists it is ordered.

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

Ans. KeyError

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

Ans, No difference

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

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.

1. What is a shortcut for the following code?

if 'color' not in spam:

spam['color'] = 'black'

ans. spam.setdefault(‘color’,’black’)

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

Ans. pprint.pprint()