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

* dict\_d = {}

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

* {‘foo’ : 42}

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

* The elements of a list is in the form

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

* It throws a key error

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

* The items stored in a dictionary are unordered and are in key:value pair, while the items in a list are ordered in individual elements.

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

* 'cat' in spam checks whether there is a 'cat' key in the dictionary, whereas '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: l.setdefault('color', 'black')

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

* import prettyprint

pprint.pprint()