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

**{}**

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

**My\_dictionary = {“foo”:”42”}**

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

**Dictionary has a key and value, they are unordered where as in list it is ordered**

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

**The mentioned key is not there so error will occur**

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

**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()?

**‘cat’ in spam - checks on the key**

**‘cat’ in spam.values – check for ‘cat’ in the keyvalues**

7. What is a shortcut for the following code?

if 'color' not in spam:

spam['color'] = 'black'

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

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

**pprint.pprint()**