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

**Ans:** Empty pair of curly braces {} is an empty dictionary

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 list is an ordered collection of data, dictionary stores the data in the form of key-value pairs

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

**Ans:** spam = {'bar': 100}

for spam['foo'], it will give KeyError: 'foo'

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

**Ans: eg:** spam = {'cat': "abc"}

'cat' in spam will give : True

'cat' in spam.keys() will give : True

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

**Ans:** It will give : False

7. What is a shortcut for the following code?

if 'color' not in spam:

spam['color'] = 'black'

**Ans:** spam['color']='black'

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

**Ans:** with ppprint