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

A : dictionary would look like {}

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

A : {‘fool’ : 42}

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

A : Items in dictionary are accessed by keys and not by indicis

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

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

A : ‘cat’ in spam, looks for a ‘cat’ key in dictionary, while ‘cat’ in spam.keys() looks if there is value ‘cat’ for on of the keys

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

7. What is a shortcut for the following code?

if 'color' not in spam:

spam['color'] = 'black'

A : spam.setdefault('color', 'black')

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

A :pprint.pprint()