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

{}

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

Value is 42

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

Items in dictionary are not ordered and items in list are ordered

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

Key Error

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

The in operator will check the value stored as a key in the dictionary or not

6. 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.keys() will check whether there is cat in the keys or not and cat in spam.values() will check cat is in the values of one of the keys or not

7. What is a shortcut for the following code?

if 'color' not in spam:

spam['color'] = 'black'

spam.setdefault(‘color’,’black’)

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

pprint.pprint()