1. What does an empty dictionary's code look like? D={ }

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

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

Dict values are accessed by keys,list elements are accessed via index

Cannot say about order in dict,whereas list has indexed order

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

5. If a dictionary is stored in spam, what is the difference between the expressions 'cat' in spam and 'cat' in spam.keys()? We are checking a condition with keys of a dictionary.if string cat is present in spam dictionary keys then it will go into the loop else fails

6. If a dictionary is stored in spam, what is the difference between the expressions 'cat' in spam and 'cat' in spam.values()? Returns true ‘cat’ is assoosciated with any key as a value else false

7. What is a shortcut for the following code?

if 'color' not in spam:

spam['color'] = 'black'

### I didn’t get this sir..

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

Import pprint #this is the module we are importing

pprint.PrettyPrinter() #this is the class