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

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

3. What is the most significant distinction between a dictionary and a list? Ans: dictionary has key and value pairs, list has set of values

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

Ans: spam = {'bar': 100,'cat':2}

type(spam['cat']) 🡪 here it will be int

spam.keys() 🡪 here it will be dict keys

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

Spam.values🡪 here it will be dict values

7. What is a shortcut for the following code?

if 'color' not in spam:

spam['color'] = 'black'

ans: no need of if condition, simply add spam['color'] = 'black'

it will get added as new key and value pair if its not present, if its already present then no harm

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

Ans:pprint module and pprint function