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

Dict={}

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

42

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

A dictionary has key value pair list does not have key value pair

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

error

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

‘cat’ in spam.keys() 🡪is there any key in spam named as ’cat’

‘cat ’ in spam ->wether ‘cat ’ is present in the dict key

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.value() 🡪is there any value in spam named as ’cat’

‘cat ’ in spam ->wether ‘cat ’ is present in the dict key

7. What is a shortcut for the following code?

if 'color' not in spam:

spam['color'] = 'black'

spam={'1':3}

if 'color' not in spam:spam['color']='black'

print(spam)

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

we can pretty print a dictionary using three functions

1. by using pprint() function of pprint module
   * **Note:** pprint() function doesnot prettify nested dictionaries
2. by using dumps() method of json module
3. by using dumps() method of yaml module