

**Title : Python Basic Assignment\_5**

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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?

- **dict={'foo':42}**

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

- **dictionary : values are associated with unique key**

- **list does not have any key**

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

- **runtime error , as there is no key named 'foo'**

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

- **both are same**

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 – return True when 'cat' is present as a key**

**'cat' in spam.values() – return True when 'cat' is presents in value**

7. What is a shortcut for the following code?

if 'color' not in spam:

spam['color'] = 'black'

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

- **list(spam.values())**