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

Ans : dict={}

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

Ans: The value is 42

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

|  |  |
| --- | --- |
| LIST | DICT |
| There can be duplicate values | Key not be duplicated duplicate values |
| The elements are accessed via indices | The elements are accessed via key-value pair1 |
| Ex: [6, 7, 8, 9, 10] | Ex : {1:’channu’, 2:’ineuron’} |

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

Ans: it will throw KEY ERROR: ‘foo’

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

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

7. What is a shortcut for the following code?

if 'color' is not in spam:

spam['color'] = 'black'

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