

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

Sol: {}

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

{"foo":42}

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

Sol. Dictionary is accessed by key whereas list is accessed by index position.

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

Sol: key error

5. What is the difference between the terms 'cat' in spam and 'cat' in spam if a dictionary is contained in spam?

Sol: spam["cat"] will search for key cat in dictionary spam

What is the function keys()?

Sol. Print(dict.keys()) this will give us list of all keys in dictionary



6. What is the difference between the terms 'cat' in spam and 'cat' in spam.values() when a dictionary is contained in spam?

Sol. Spam["cat"] will give value for cat key

Cat in spam.values() is invalid as values donot take any argument. .values() is used to print list of values

7. What is the quickest way to type the following code?

if the word 'colour' isn't in spam:

'black' for spam['color']

Sol:

Spam.setdefault("color","black")

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

Sol. Module pprint

Function pprint()

