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

My\_dict = {}

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

Dict= {key: 42}

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

Dictionary is having key and value

But list doesn’t have such thing.

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

Key foo is not specified

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

Ans: It will check wheather value exist as key or not

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

There is no difference when it will check for key ,value exist or not

7. What is a shortcut for the following code?

if 'color' not in spam:

spam['color'] = 'black'

spam.setdefault(‘colour’,’black’)

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