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?

{ ‘foo’, 42}

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

List is sequential and we retrieve data on basis of indexes in a list.

Dictionary elements are retrieved using key value pairs.

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

It will give key 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() will be the key of a dictionary. It’s type will be INT since it’s value is 100

‘cat’ in an expression will be a string type value.

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

The type of ‘cat’ in spam.values() will be dict\_values

Type of ‘cat’ in expression will be str

7. What is a shortcut for the following code?

if 'color' not in spam:

spam['color'] = 'black'

spam{‘color’:’black}

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

Inside pprint module we have a function pprint()