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

{}

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

42

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

Elements are accessed via indices in list

In dictionary through keys

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

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 checks whether there is a ‘cat’ key in spam

While ‘cat’ in spam.keys() checks whether there is a value ‘cat’ for one of the key in spam

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 checks whether there is a ‘cat’ key in spam

While ‘cat’ in spam.keys() checks whether there is a value ‘cat’ for one of the value in spam

7. What is a shortcut for the following code?

if 'color' not in spam:

spam['color'] = 'black'

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

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

import pprint

dct=[{"name":"satwik","age":"26"}]

pprint.pprint(dct)