

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?

**Sol-** tmp = {'foo' : 42}

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

**Sol-** The elements in a list are ordered, and the elements in a dictionary aren't.

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

**Sol-** KeyError

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

**Sol-** There is no difference.

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

**Sol-** It checks whether 'cat' is a value in spam.

7. What is a shortcut for the following code?

```
if 'color' not in spam:
```

```
    spam['color'] = 'black'
```

**Sol-** spma.setdefault( 'color', 'black')

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

**Sol-**