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

**Ans :** Two curly brackets: {}.

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

**Ans :** It look like {'foo': 42}.

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

**Ans :** In dictionary items stored are unordered but in list items stored are ordered.

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

**Ans :** You get a KeyError error as  **‘foo’** is not available in key.

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

**Ans:** The given expression will only check if ‘cat’ is present as a key or not.

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

**Ans :**  The given expression 'cat' in spam.values() checks whether there is a value 'cat' for one of the keys in spam is available or not.

**7. What is a shortcut for the following code?**

**if 'color' not in spam:**

**spam['color'] = 'black'**

**Ans :** spam.setdefault('color', 'black')

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

**Ans :** pprint.pprint()