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

**Ans:** a={}

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

**Ans:** {‘foo’:42}

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

**Ans:** Dictionary stored item are unordered while list store item are ordered

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

**Ans:** Error means “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()?

**Ans:** 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()?

**Ans:** cat in spam checks for key whether spam.value check for any value with cat

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()