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

Ans. dict={}

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

Ans . dict={‘foo’:42}

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

Ans . both are mutable we do add and remove each and everything when we want.

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

ans . error:

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

Ans. There is no difference.

1. If a dictionary is stored in spam, what is the difference between the expressions 'cat' in spam and 'cat' in spam.values()?
2. Ans. There is no difference.

7. What is a shortcut for the following code?

if 'color' not in spam:

spam['color'] = 'black'

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