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

Ans:- empty dictionary's code look like dict{ }

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

Ans:- value = 42.

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

Ans:- list stores elements in the form of values where as dictionary stores values in the form of key-value pairs.

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

Ans:- Reports an keyError.

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

Ans:- expression 'cat' in spam checks whether the word cat was present in spam or not where as expression 'cat' in spam.keys() checks whether the cat was the key in dictionary or not.

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

Ans:- expression 'cat' in spam checks whether the word cat present in spam or not where as expression 'cat' in spam.values() checks whether the cat was the value in dictionary or not.

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7. What is a shortcut for the following code?

if 'color' not in spam:

spam['color'] = 'black'

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

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

Ans:- In pprint module using pprint.pprint() function.