**ASSIGNMENT:5**

**ROLLNO:19B21A0466**

Q1) What does an empty dictionary's code look like?

Ans: Two curly brackets: {}

Q2): . What is the value of a dictionary value with the key 'foo' and the value 42?

Ans: {'foo': 42}

{'foo': 42}

Q3): What is the most significant distinction between a dictionary and a list?

Ans: The items stored in a dictionary are unordered, while the items in a list are ordered.

Q4): . What happens if you try to access spam['foo'] if spam is {'bar': 100}?

Ans: spam= {'bar': 100}

spam['foo']

key error Traceback (most recent call last) in

---> 1 spam['foo']

Key error: 'foo'

We get a Key error

Q5): 5. 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. The in operator checks whether a value exists as a key in the dictionary.

Q6): If a dictionary is stored in spam, what is the difference between the expressions 'cat' in spam and 'cat' in spam.values()?

'cat' in spam checks whether there is a 'cat' key in the dictionary, while 'cat' in spam.values() checks whether there is a value 'cat' for one of the keys in spam

Q7): What is a shortcut for the following code?

Ans: if 'color' not in spam: spam['color'] = 'black' spam.setdefault('color', 'black')

Q8): How do you "pretty print" dictionary values using which module and function?

Ans:pprint.pprint()