1. What exactly is []?

Ans. Blank list

1. In a list of values stored in a variable called spam, how would you assign the value 'hello' as the third value? (Assume [2, 4, 6, 8, 10] are in spam.)

Ans: spam.insert(2,’hello’)

Let's pretend the spam includes the list ['a', 'b', 'c', 'd'] for the next three queries.

1. What is the value of spam[int(int('3' \* 2) / 11)]?

Ans: ‘d’

1. What is the value of spam[-1]?

Ans:[‘d’,’c’,’b’,’a’]

1. What is the value of spam[:2]?

Ans:[‘a’,’b’]

Let's pretend bacon has the list [3.14, 'cat,' 11, 'cat,' True] for the next three questions.

1. What is the value of bacon.index('cat')?

Ans: 1

1. How does bacon.append(99) change the look of the list value in bacon?

Ans: [3.14, 'cat,' 11, 'cat,' True’,99]

1. How does bacon.remove('cat') change the look of the list in bacon?

Ans: [3.14,' 11, 'cat,' True’,99

1. What are the list concatenation and list replication operators?

Ans: Concatenation=’+’. Replication=’\*’

1. What is difference between the list methods append() and insert()?

Ans: append() = add element at last index of the list

Insert() = add element at particular index number.

1. What are the two methods for removing items from a list?

Ans: L1.remove()

L1.pop()

1. Describe how list values and string values are identical.

Ans: both are sequences

1. What's the difference between tuples and lists?

Ans: List is mutable. Tuples is imutable.

1. How do you type a tuple value that only contains the integer 42?

Ans: 42,

1. How do you get a list value's tuple form? How do you get a tuple value's list form?

Ans: list[t1(1,2,3))]. tuple(list[1,2,3])

1. Variables that "contain" list values are not necessarily lists themselves. Instead, what do they contain?

Ans: str1 = contain". Str1.split()

1. How do you distinguish between copy.copy() and copy.deepcopy()?

Ans: copy.copy() create clone list but sub list changes will reflect on both list. But in deep copy sub list modification will not reflect in parent list.