1. What exactly is []?

A : Empty list value, list which has no elements inside it.

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.)

A : spam[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)]?

A : d

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

A: d

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

A : ‘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')?

A : 1

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

A : [3.14, 'cat,' 11, 'cat,True,99]

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

A : [3.14, 11, 'cat,True,99]

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

A : ‘+’ – to concatenate : ‘\*’ – to replicate characters

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

A : append() : adds a variable to the last of list, insert() : can add variable at any location

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

A :remove() and del

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

A : Both list and strings use same symbols for concatenate and replicate.

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

A : Tuples can’t be edited, but lists can be edited. Tuples use ‘()’ and lists use ‘[]’

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

A : use of (,), i.e (’42,’)

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

A : By the use of tuple(), list()

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

A : They contain reference values for list

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

A :copy.deepcopy(), will truly duplicate the list by even copying lists inside list.