1. What exactly is []?

Ans- means 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

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]

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

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

Ans- append()- will add value in the list at last

Insert()- will insert the value at a particular location

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

Ans- remove(), pop()

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

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

Ans- list is mutable where tuple is immutable.

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

Ans- a= 42,

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

Ans- tuple(list)- to get tuple

list(tuple)- to get list

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

DOUBT

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

DOUBT