1. What exactly is []?

Ans. this is squre brackets we use in the formation of list

List=[‘name’, 12,34,567,8,]

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=[2,4,6,”Hello”,8,10]

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. = [3]

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?

List=[3.14, 'cat,' 11, 'cat,' True,99]

1. How does bacon.remove('cat') change the look of the list in bacon?
2. List=[3.14, 11, 'cat,' True,99]
3. What are the list concatenation and list replication operators?

Ans . list concatenation we can add two list

replication operators mutliply

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

Ans. append values will be added in to the last of the list

Insert = we insert the value anywhere where we want

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

Ans pop() , and clear()

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

String values = “irfan khan”

List=[12,34,56,7]

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

Ans. list=[12,34,56,78,]

Its mutable

Tuples = (12,34,56,78,)

Its imutable

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

T=(45)

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

List=[12,34,56,78,]

List =tuple

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

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

Ans .The copy() returns a shallow copy of the list, and deepcopy() returns a deep copy of the list.