



INDIAN SCHOOL NIZWA - WORKSHEET

INFORMATICS PRACTICES

Ch:8 List Manipulation

Name: _____

Date: _____

Class: XI Sec: ____

1. Differentiate between

- a) append () and inset()
- b) append() and extend()
- c) pop() and remove()
- d) pop() and clear()
- e) clear() and remove()

2. List the different methods of deleting elements from a List

3. Why are lists called mutable ?

4. What is List? How do you create a list in Python?

5. Suggest the appropriate funtions for the following tasks.

- a) To insert an element, at the given position specified by its index.
- b) To add element(s) at the end of the list.
- c) To add multiple elements to a list.
- d) To return the index of the first matched item from the list.
- e) To remove the element from the specified index, and also return the element which was removed.
- f) To remove the specified element from the list, but does not return the deleted value.
- g) To remove all the items from the list and the list becomes empty list after this function.
- h) To search for an item and removes the first matching item from the list
- i) To reverse the elements of the list in place.
- j) To return the count of the item that you passed as argument.
- k) To sort the items of the lists.



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6. Give the output for the following expressions

- a) `L1=[50, 30,10,100, 209, 46]`
`>>>L1.sort()`
- b) `>>> L1=[28,1,108,120,3,40,108,299]`
`>>> L1.count(108)`
- c) `>>> L1=[10, 5, 880,1000,25,56]`
`>>> L1.reverse ( )`
- d) `>>>L1=[10, 5, 880,10000]`
`>>> L1.clear( )`
`>>>L1`
- e) `>>> L1 = [1, 2, 5, 4, 70, 10, 90, 80, 50]`
`>>> a= L1.pop(5)`
`>>>print a`
- f) `>>> L1 = [1, 2, 5, 4, 70, 10, 90, 80, 50]`
`>>> a= L1.pop(5)`
`>>>print L1`
- g) `>>> L1 = [1, 2, 5, 4, 70, 10, 90, 80, 50]`
`>>> a= L1.pop()`
`>>>print L1`
- h) `>>> L1 = [1, 5, 4, 70, 90, 80, 50]`
`>>> L1. remove (70)`
- i) `>>> L1 = [1, 2, 5, 4, 70, 10, 90, 80, 50]`
`>>> del L1 [4]`
`>>> print L1`
- j) `>>>Lista1=[123,'xyz','zara','abc']`
`>>>print "A List:",Lista1.pop()`
`>>>print "B List ":Lista1.pop(2)`