

EXERCISES ON LIST USING PYTHON

1. Write a Python program to sum all the items

Sample Output

[1,7,-10,34,2,-8]

Sum all the items = 26

2. Write a Python program to get the largest number from a list

Sample Output

[1,7,10,34,2,8]

Largest Number : 34

3. Write a Python program to count the number of strings where the string length is 2 or more and the first and last character are same from a given list of strings

Sample Output

['ppq', 'xyzz', 'aba', '4224']

First and Last Character are same : 3

4. Write a Python program to remove duplicates from a list

Sample Output

[1,2,3,7,2,1,5,6,4,8,5,4]

{1,2,3,4,5,6,7,8}

5. Write a Python program to select an item randomly from a list Using random.choice()

6. Python program to create a list of 5 random integers.

7. WAP to separate positive and negative number from a list.

8. WAP to filter even and odd number from a list.

9. Write a Python program to reverse All Strings in String List

Sample Output

Original list = ['Tutor', 'joes', 'Computer', 'Education']

Reversed list = ['rotuT', 'seoj', 'retupmoC', 'noitacudE']

Reversed list = ['Education', 'Computer', 'joes', 'Tutor']

10. Python program to sort a list of strings on the number of alphabets in each word.

11. Python program non-numeric items in a list in a separate list.

12. Python program to create a list of integers representing each character in a string

13. Python program to find numbers common in two lists.

14. Split a List in half and store the elements in two different lists.

15. Interchange first and last elements of a list

16. Display elements with Frequency greater than a given value k

