

Série sur les listes en Python

Exercice 1 :

Write a Python program to sum all the items in a list.

Exercice 2 :

Write a Python program to multiplies all the items in a list.

Exercice 3 :

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

Exercice 4 :

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 List : ['abc', 'xyz', 'aba', '1221']

Expected Result : 2

Exercice 5 :

Write a Python program to get a list, sorted in increasing order by the last element in each tuple from a given list of non-empty tuples.

Sample List : [(2, 5), (1, 2), (4, 4), (2, 3), (2, 1)]

Expected Result : [(2, 1), (1, 2), (2, 3), (4, 4), (2, 5)]

Exercice 6 :

Write a Python program to remove duplicates from a list.

Exercice 7 :

Write a Python program to check a list is empty or not.

Exercice 8 :

Write a Python program to clone or copy a list.

Exercice 9 :

Write a Python program to find the list of words that are longer than n from a given list of words.

Exercice 10 :

Write a Python function that takes two lists and returns True if they have at least one common member.

Exercice 11 :

Write a Python program to print a specified list after removing the 0th, 4th and 5th elements.

Sample List : ['Red', 'Green', 'White', 'Black', 'Pink', 'Yellow']

Expected Output : ['Green', 'White', 'Black']

Exercice 12 :

Write a Python program to print the numbers of a specified list after removing even numbers from it.

Exercice 13 :

Write a Python program to shuffle and print a specified list.

Exercice 14 :

Write a Python program to generate and print a list of first and last 5 elements where the values are square of numbers between 1 and 30 (both included).

Exercice 15 :

Write a Python program to generate and print a list except for the first 5 elements, where the values are square of numbers between 1 and 20 (both included).

Exercice 16 :

Write a Python program to generate all permutations of a list in Python. Ind. import

itertools.

Sample List : [1,2,3]

Expected Output : [(1, 2, 3), (1, 3, 2), (2, 1, 3), (2, 3, 1), (3, 1, 2), (3, 2, 1)]

Exercise 17 :

Write a Python program to get the difference between the two lists.

Exercise 18 :

By using enumerate, write a Python program access the index of a list.

Exercise 19 :

Write a Python program to find the index of an item in a specified list.

Exercise 20 :

Write a Python program to convert a list of characters into a string.

Exercise 21 :

Write a Python program to append a list to the second list.

Exercise 22 :

Write a Python program to select an item randomly from a list.

Exercise 23 :

Write a python program to check whether two lists are circularly identical.

Exercise 24 :

Write a Python program to find the second smallest number in a list.

Exercise 25 :

Write a Python program to get the frequency of the elements in a list by using the package collections.

Exercise 26 :

Write a Python program to get unique values from a list.

Exercise 27 :

Write a Python program to find common items from two lists.

Exercise 28 :

Write a Python program to convert a list of multiple integers into a single integer.

Sample list : [11, 33, 50]

Expected Output : 113350

♣ *Bon travail*