

Lab 8 – Python Programs with Lists

Task 0 - Get Organised.

- Create a new folder lab8 in your folder labs.
- Do some shell operations with lists.

Task 1 – Basic Operations with Lists

This task requires you to write some functions for basic list operations. Use the non-Python approach to write them. The functions should cover the following problems:

- Read the elements of a list with n int elements.
- Functions to calculate the sum, product of a list.
- Function to calculate the maximum and its position.
- Function to calculate the minimum and its position.
- Function to find if an element x belongs to a list.

Task 2 – Max – Max

This task is to find the largest two elements from a list.

- Bring some functions from the previous program:
 - Function to read the elements of a list with n int elements.
 - Function to calculate the maximum element.
- In toExecute()
 - Read the list
 - Find the maximum element and its position
 - Alter this element so it is no longer maximum.
 - Find again the maximum element and its position
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