

### TP Python 3

- 1- Using Lists, write a program that creates a Stack along with the necessary functions to Pop, Push and Display its content.

**Hint: you can use Pop and Append methods with lists.**

- 2- Write a program that uses
- 3- Given different scored marks of students. We need to find grades. The test score is an average of the respective marks scored in assignments, tests and lab-works. The final test score is assigned using below formula.

10 % of marks scored from submission of Assignments

60 % of marks scored from Test

30 % of marks scored in Lab-Works

Grade will be calculated according to :

1. score  $\geq$  90 : "A"
2. score  $\geq$  80 : "B"
3. score  $\geq$  70 : "C"
4. score  $\geq$  60 : "D"

A- Display students' averages and grades.

B- Calculate the total class average and letter grade of class.

C- Use the Bubble sort to display student average.