

# Lab 07 Tasks

## Task 01

Create an array with 10 elements each of data type `DWORD`. Move the elements of previously created array into a new array using stack.

## Task 02

Write a program which displays the addition of the integers 10, 20, 30 through stack.

## Task 03

Write a program having nested procedures that are used to calculate the total sum of the following two arrays:

`array1` `DWORD` 2, 4, 6, 8, 10

`array2` `DWORD` 5, 7, 9, 11, 13

The sum of `array1` is to be calculated by the 1st procedure. Similarly, the sum of `array2` is to be calculated by the second procedure. Finally, the third procedure will add the results of both `array1` and `array2`.

## Task 04

Write a function that asks the user for a number `n` and prints the sum of the numbers 1 to that `nth` number.