

## C - Assignment 06 (100 pts)

### Exercise 01 (20 pts)

Implement the `swap()` function using pointers. The function should swap 2 integers.

### Exercise 02 (20 pts)

Write a `main()` function in which you declare and fill an array of floats of SIZE 10 (constant). Using a pointer to the array, compute the average of the elements of that array.

### Exercise 03 (20 pts)

Write a `findMaxAndPos()` function which receives an array of integers, then “returns” the maximum value and its position, using pointers.

Note: you have to correctly complete the prototype of the function.

### Exercise 04 (20 pts)

Write a `createArray()` function which receives the size of an array and allocates and returns an array of floats of the received size.

Note: you have to correctly complete the prototype of the function.

### Exercise 05 (20 pts)

Write a `main()` function to test the `createArray()` of Exercise 04.