

CS308 C/C++ Language Laboratory

Lab Activity 3 (v.f.2020)

Refer to: "Pointers and call by reference" in Canvas

Points: 10

Submission: See Canvas for due date.

Instruction: Write a C program that includes:

- Three character arrays, local to main(), for three strings and initialize each array as follow:
"John Smith"
"Mary Cohen"
"Carl Williams"
- A function that will be invoked with the reference to a char array. Inside the function change all letter to upper case. Use ONLY pointer notation inside the function, that is, use pointers inside de function, DO NOT use array notation (No [index]).
- A second function that prints the names in reverse, that is, for "John Smith" the output should be "HTIMS NHOJ". Use ONLY pointer notation inside the function.

Rubric:	Requirements	Points
	Correct program implementation (strings, pointers, call by reference)	3
	Correctness of program execution (all instructor's test cases pass)**	4
	Correct output format	3

**Once finished, I or the TA need to see your code first, and then we will ask you to run some test cases.