

**BIM303 MICROCOMPUTERS  
LAB EXPERIMENT #2**

**Objective(s)**     ▪    Become familiar with using arrays, stack, related instructions in 8086 emulator software.

**Lab Work**            Write an assembly program which is able to write a given set of characters in an array to another array **in reverse order**. For example; if an array A is ['c' 'e' 'n' 'g'] then array B must be ['g' 'n' 'e' 'c'].

**P.S. : It is mandatory to use stack and LODSB-STOSB instructions.** You can use a variable to store array length.

**Evaluation:**        You will be evaluated by your lab performance.