

**Problem1:**

Write an assembly program to convert all uppercase letters to lowercase.

.Data

InputString DB 'THis iS A TEsT MESsaGE'

ResultString DB 22 DUP(?)

**Problem2:**

An instructor has the following grading policy: "Curving of grades is achieved by adding to every grade the difference between 99 and the highest grade in the class. Write an assembly program to calculate the grades after they have been curved and insert the curved grades in the data segment.

These are the class grades before curving: 81, 65, 77, 82, 73, 55, 88, 78, 51, 91, 86, 76 (insert these in the data segment). Your program should work for any set of grades given in the data segment.

**Deadline and submission rules:**

- The assignment is an individual assignment **NOT** group assignment.
- Deliver the .asm files for problem1 and problem2.
- Deliver screenshots for the piece of memory showing the program output. (you can use the debugger to do this)
- Compress all the deliverables into a single file with name: "student name.zip"
- Send this compressed file to [sandrawahid@hotmail.com](mailto:sandrawahid@hotmail.com)
- Use the following email subject: [Micro][SEM]Assign2\_Student Name
- Due is 4 Nov. 2019 at 9:00 a.m.
- Discussion will be held at section time.