Assignment : 5

1. Write an assembly language program to encrypt digits as shown below:

    input digit   : 0 1 2 3 4 5 6 7 8 9
    encryption   : X Y Z A B C D E F 0

Your program should accept a string consisting of digit and nondigit characters. The en- crypted string should be displayed in which only the digits are affected. Then the user should be queried whether he/she wants to terminate the program. If the response is either 'y' or 'Y' you should terminate the program; otherwise, you should request another input string from the keyboard.

2. Assume that you have marks obtained by N students in M subjects. Write an assembly language programe to find the Roll no. Of students who got maximum mark in each subject.

Assignment will be evaluated on 18/04/2019