

CSE331L: Microprocessor Interfacing and Embedded Systems

Assignment #2

Deadline: December 23, 2019

1. Write a program to check whether the lower nibble of AL register is equal to the higher nibble of AL.
2. Write a program to find the sum of each row & each column of an MxN Matrix. Set M and N manually.
3. Write a program to count the total number of alphabets and digits in a string. Hint: Use ASCII code.
4. You are given a range and an array loaded with random numbers. Write a program which will create an array of missing numbers. A missing number is a number within the range that does not occur in the array. Example

INPUT

Range: 1-8

Array:

Array	15	3	2	2	1	6	12
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OUTPUT

Missing number(s):

Array	4	5	7	8
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