

Midterm (*CSE331L.1 – Asif Ahmed Nelay\_Fall'20*)

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*Time 90 minutes, Marks 50 (You need to answer all questions).***Submission Instructions:**

- Submit your .asm code along with full window screenshot in the “Solution” Folder.
- Rename your asm code according to question no.

1. Write a program in assembly language that can read 2 integers and print the Multiplication of two integers (**Multiplication Result must be less than 10**).

**Example:**

Enter Integer 1: 2

Enter Integer 2: 2

MUL of the Integers: 4

2. Write a program in Assembly language that Prints Digit from 0 – 9 and also their sum.

**Example:**

Digits: 0

1

2

3

4

5

6

7

8

9

Sum: 45

3. Write a program in assembly language that can input two numbers (1-digit integer) and print the smallest one.

**Example:**

Enter a Number1: 4

Enter a Number2: 6

Smallest one: 4

4. Write a program in assembly language that will show the following outputs. Use only loop.

```
****
*****
*****
*****
*****
```

5. Write a program in assembly language to define an Array named "A" filled with values - 1,1,2,2,3,3. Now define another array named "B" and copy the element of "A" into "B".