**United International University (UIU)**

Dept. of Computer Science & Engineering (CSE)

Assemble Language Lab-08 Section: B

Trimester: 171 Teacher: Md. Ashraful Islam



Write assembly language codes for all three questions provided below.

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| 1. Print a multi digit number using stack (procedure) | |
| Sample Input | Sample Output |
| 2549 | 2549 |
| 1998 | 1998 |

|  |  |
| --- | --- |
| 1. Write a procedure “print\_my\_name” that prints your name | |
| Sample Input | Sample Output |
|  | Your Name is X |

|  |  |
| --- | --- |
| 1. Write a procedure “Calc\_avg” that takes 3 16 bit numbers a parameter and returns their integer average. Print the average using the procedure you wrote for problem 1. | |
| Sample Input | Sample Output |
| 12 24 18 | 12 |
| 1199 799 2 | 2 |

|  |  |
| --- | --- |
| Extra: Extend problem 3 for n numbers | |
| Sample Input | Sample Output |
| 5  23 45 81 19 38 | 19 |
| 3  12 24 18 | 12 |