



**CSE341: Microprocessors**  
**Department of Computer Science and Engineering**

**Assignment 01 (Lab 02)**

**Task 01**

Swap two numbers using **ADD/SUB** instructions only.

**Task 02**

If A, B and C are 3 variables, perform the given mathematical operation

- **$A = C - (A + B)$  ;**

**Task 03**

If X, Y and Z are 3 variables, then perform the given mathematical operation

- **$Y * X / Z$**

**Task 04**

Perform the following arithmetic operation:  **$5 + 8 - (3 + 1) * (9 - 2) / 4 + (2 * 3)$**