Vannessa Ruth A. Navarez BSCS -1 September 09, 2021

**Mechanical Problem 2**

I. Problem Definition

1. Input

* Student ID
* Name of the Student
* Degree
* Year
* 4 Major exam Scores (Prelim, Midterm, Semifinal, Final)

1. Process
   * Total score = prelim grade + midterm grade + semifinal grade + final grade
   * Average Score = Total Score / 4
2. Output
   * Total Score
   * Average Score

II. Pseudo code

**BEGIN**

**SET** total=0, average=0

**INPUT** studID, name, degree, year, prelim, mid, semi, final

**CALCULATE** total = prelim + mid + semi + final

**CALCULATE** average = total/4

**WRITE** total, average

**END**

III. Flowchart

BEGIN

END

INPUT  
studID, name, degree, year, prelim, mid, semi, final

CALCULATE

total = prelim + mid + semi + final

average = total/4

PRINT

Total, Average