

# Computer Science:

Sacaben, Rye T.  
8 - Sampaguita

**Title:** Grade Calculator

**Problem:** No easy access to my grades at any given time :(

**Solution:** Make a program that will ask whether you want your average-usually tentative-in a certain kind of assessment, quarter, or even for the tentative average of your academic year so far. This program will ask for the total number of assignments (in that kind), the assessment's number, your score, the total number of points you can get, and then the weight/unit of that assessment, in that order. It will then compute the average with the PSHS grading system, otherwise (meaning if someone doesn't explain it to me), I will just be using the usual one.

## **Objectives:**

- Quick access to current grades
- gives ability of checking for places in need of improvement

## **Planned features:**

-assessments with corresponding computation -organizing of grades -can add existing plus points -but will not remember the data after refreshing

## **Logic plan:**

Start

Print "enter Number of Assessments:", a  
loop based on "a":

Print "Enter assessment number:", b

Print "enter assessment score: ", c

Print "enter assessment total points:", d

Print "Enter assessment weight:", e

Process f = computation for grade (attain from teachers)

Print "Average grade for assessment:", f

Print "would you like to go again?:", y/n

break loop if "n" or "no"

print "Would you like the average of all assessments?:"y/n

Process all\_a = compute average with weight

Print "would you like (current) average of whole quarter?:"y/n

Process all\_b = compute average with weight

print: "would you like (current) average of whole quarter?:" y/n

Process all\_b = compute average with weight

Stop