Legend

TERM = term

ID = studentID

STUDENTS = totalStudentCount

HOURS = hoursCompleted

TOTAL\_HOURS = totalHours4AllStudents

AVG\_HOURS = averageStudentHoursCompleted

GPA = gpa

HIGH\_GPA = highGPA

HIGH\_GPA\_ID = highGPAstudentID

Hierarchy Chart

Homework #2

Process GPA

Process Hours

Process ID

Input ID

Update STUDENTS

Input HOURS

Update TOTAL\_HOURS, AVG\_HOURS

Input GPA

Update HIGH\_GPA, HIGH\_GPA\_ID

Input -1

Report

TERM, ID, GPA, HOURS, STUDENTS, TOTAL\_HOURS, AVG\_HOURS, HIGH\_GPA, HIGH\_GPA\_ID

Input TERM

Initialize Variables

Report all the Inputs and the total amount of students, total amount of hours for all students, the average hours completed by all students, the highest gpa, student id of student with highest gpa