Flowchart

Legend

TERM = term

ID = studentID

STUDENTS = totalStudentCount

HOURS = hoursCompleted

TOTAL\_HOURS = totalHours4AllStudents

AVG\_HOURS = averageStudentHoursCompleted

GPA = gpa

HIGH\_GPA = highGPA

HIGH\_GPA\_ID = highGPAstudentID

Homework #2

Input HOURS

STUDENTS = STUDENTS + 1

FALSE

TRUE

ID = -1

Input ID

Input TERM

STUDENTS = 0

TOTAL\_HOURS = 0

AVG\_HOURS = 0

HIGH\_GPA = 0

Start

TOTAL\_HOURS = TOTAL\_HOURS + HOURS

AVG\_HOURS = TOTAL\_HOURS / STUDENTS

Input GPA

GPA > HIGH\_GPA

TRUE

FALSE

HIGH\_GPA\_ID = ID

HIGH\_GPA = GPA

Output TERM

Output GPA

Output HOURS

Output STUDENTS

Output TOTAL\_HOURS

Output AVG\_HOURS

Output HIGH\_GPA

Output HIGH\_GPA\_ID

Stop