1. Pseudo-code a system that will keep track of students and their individual grades for a year. After a new grade has been added, if the student's new average grade is a C or less, a warning message should be displayed.

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Entering Grades or Students?

If entering students

Start Students

Enter Student Information

Save Student Information

More students to enter?

If yes then go to start students

Go to top

If Entering Grades

Start Grades

Entering new assignment for clasS?

if yes

Get assignment information

Save assignment information

Get student name

Find Student

If student does not exist

display error message

Else

Get grade

Get current average

Recalculate average

Store Average

If average < 82 %

Display warning

More students?

If yes the goto Start Grades

Go to top

2. Pseudo-code a system that will keep track of vehicle maintenance and miles. A warning message should be displayed when the miles between the last oil change reaches 3000 or greater. A warning message should be displayed when the miles between the last tire rotation reaches 6000 or greater. a warning messeage should be display when the miles between inspections reaches 15000 or more.

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Get vehicle name

find vehicle name in list

If vehicle exists

Set current miles = miles stored

Set last OC = stored value

Set Last TR = stored value

Set Last IN = stored Value

Else

Add vehicle to list

Set cur miles to 0

Set Last OC = 0

Set last TR = 0

Set Last IN = 0

Get new miles from user

Get type of maintenance from user

if new miles - lastOC >= 3000 AND

Type of maintenance != oil change

Display warning

if new miles - last tr >= 6000 AND

Type of maintenance != tire rotate

display warning

if new miles - last in >= 15000 AND

Type of maintenance != inspection

display warning

If type of maintenace = oc then

set LastOC = new miles and store

If type of maintenance = tr then

set lasttr = newmiles and store

if type of maintenace = in then

set lastin = new miles and store

more maintenancE?

if yes then go to top