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