Student data are collected from here:

<https://forms.office.com/r/T2frmSyd8f>

Attached are two raw data collected for testing.

[Test Raw data 2.xlsx]

[Test Raw data 3.xlsx]

**Target:**

Automate the data processing step by generating the [vehicleGroupData.csv] and prompt the instructor with average data.

**Requirements:**

* Vehicle name
  + [Raw data] column G -> [vehicleGroupData.csv] column A
* Vehicle colour
  + [Raw data] column H -> [vehicleGroupData.csv] column B
  + Need to convert from English name to associated colour number
* Vehicle feature average calculation
  + Calculate average in [Raw data] of
    - Column G (vehicle name length)
    - Column K (facial recognition)
    - Column L (glasses)
    - Column M (languages)
    - Column O (password)
    - Column P (distance)
  + Display those average value – rounded – to the instructor
* Vehicle feature assignment, based on the average calculated - [vehicleGroupData.csv] column C
  + Teams with number of members ≥ avg(facial recognition) → get facial recognition (code name: facerecog)
  + Teams with number of members ≥ avg(glasses) → get visual assistance (code name: glasses)
  + Teams with number of members ≥ avg(languages) → get Inter car communication (code name: language)
  + Teams with number of members ≤ avg(password) → get anti-theft (code name: password)
  + Teams with distance ≥ avg(distance) → get EEEV (code name: distance)
  + Teams with number of non-male members ≤ 2 → get a male label (code name: male)