**Problem Description:**

* A program to store data of citizens who wants a driving license
* Adding/Changing/Removing/Displaying/Sorting Data from files
* Handling Errors

**Solution Description**

For changing and displaying names and dealing with files, I made some key functions and side functions to help my program with a total of 16 functions (No global variables were used)

The key functions are:

Option 1 : Adding data

* The main goal of this function to call for each function to write data in the file
* Composed by calling many functions that are written in the beginning of the program such as getName (), getGender ()()… getBlood () to write the new data in the file
* If an ID already exist, appropriate message is displayed.

Option 2 : Displaying data

* The main goal of this function to display data in either (Sort by ID, Sort by Gender, Sort by First Name)
* I created a menu which the user can select
* Errors of menu were handled (invalid inputs)

Option 3 : Editing data

The main reason behind this function is to adjust the data of a specific person (Editing, Removing) data or just show the data of that person

* Reading the file line by line using loops and converting it to a list to see if a matched ID was found (by indexing)
* If a match was found, access the menu that consist of (Update,Remove,Leave)
* If the user select update another menu pops up and it consist of what the user wants to change (Name,Phone Number.. etc)
* If the user select for example Name, the program will go for the specific line that holds the matched Id and change the Name by the new data
* If the user select remove, the line that holds that person data will be removed
* Value Errors were handled