COMP242 – Project# 0: Java revision

In this project, you will implement a list structure that represents a list of Btselem records and do different operations on the records within that list. The inputs for the project will be the Btselem file (data.csv). Each line in this file contains a Palestinian martyr record (Name, Age, Event location, Date of death, and Gender). You have to implement the list using array *(ArrayList is not allowed)* with an initial size of 16. You have to resize the list when needed by doubling the list size.

For good user experience, you will need to implement a graphical user interface (GUI) using javaFX. *(Scene Builder is not allowed in this course)*

In the GUI there should be a way to load the file using a file chooser and fill the list structure. Then the following functions will shown:

1. An option to insert a new martyr record into the List.
2. An option to delete a martyr record from the List using the name.
3. An option to search for a specific martyr record by name.
4. An option to display the number of martyrs by age/gender/date.

Good Luck!