



COMP242– Project#0: Java revision

In this project, you will implement a list structure that represents a list of % of individuals using the internet records for the year 2020 and do different operations on the records within that list. The inputs for the project will be the attached file (internet_2020.csv). Each line in this file contains a country record (Country **name** and % of individuals using the internet). 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. Then the following is the list of functions to be implemented:

1. An option to insert a new country record into the List. (e.g. we want add Palestine)
2. An option to delete a country record from the List using the country name. (e.g. we want delete Israel)
3. An option to search for a specific country record by name.
4. An option to display the countries that % of individuals using the internet is greater than a specific input %. Display the countries in a table.

Good Luck!