Assignment 04

CSIS 2175 – Section 004

The assignment carries 15 marks (10 Marks for Java application and 5 for Git). The assignment contributes 5% to the overall grades. Students are required to submit the assignment to blackboard not later than **April 12, 2020 15:30 PST**. **NO LATE SUBMISSION** will be accepted. You may submit your work multiple times, but only the last submission will be graded.

Assignment could undergo a similarity check. If plagiarism is detected or students are found to have copied from each other, marks would be deducted.

Grading:

- Correctness of the program: 80%
- Programming style/comments/clarity: 10%
- Correctness of output format: 10%

Problem

Develop your program using Eclipse and JavaFx. Zip your project folder and submit it by the due date. **NO LATE SUBMISSION** will be allowed.

You may submit your work multiple times, but only the last submission will be graded.

Description

In this assignment, you are required to implement an airline information system. The information about the airlines and their departure and arrival airports is populated from text file.

Your Task

You are asked to write a Java program to load the following GUI.
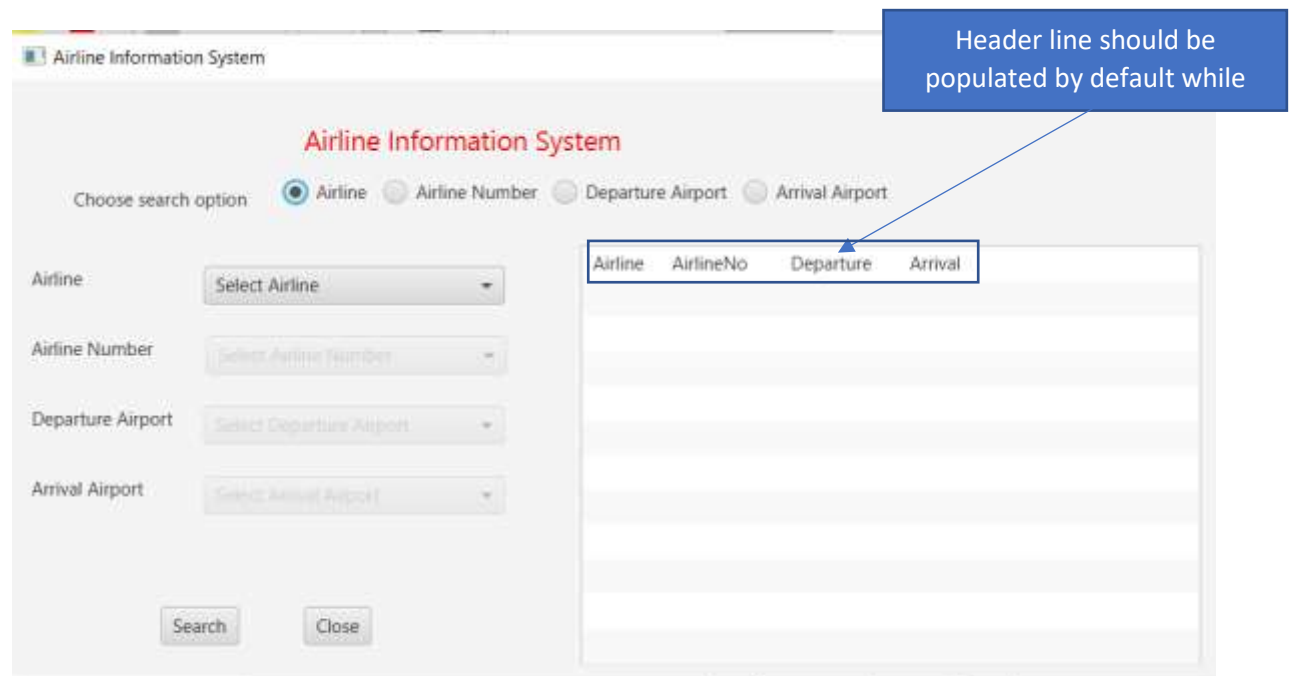
You can search airline information by

1. Airline name,
2. Airline number,
3. Departure Airport,
4. Arrival Airport.
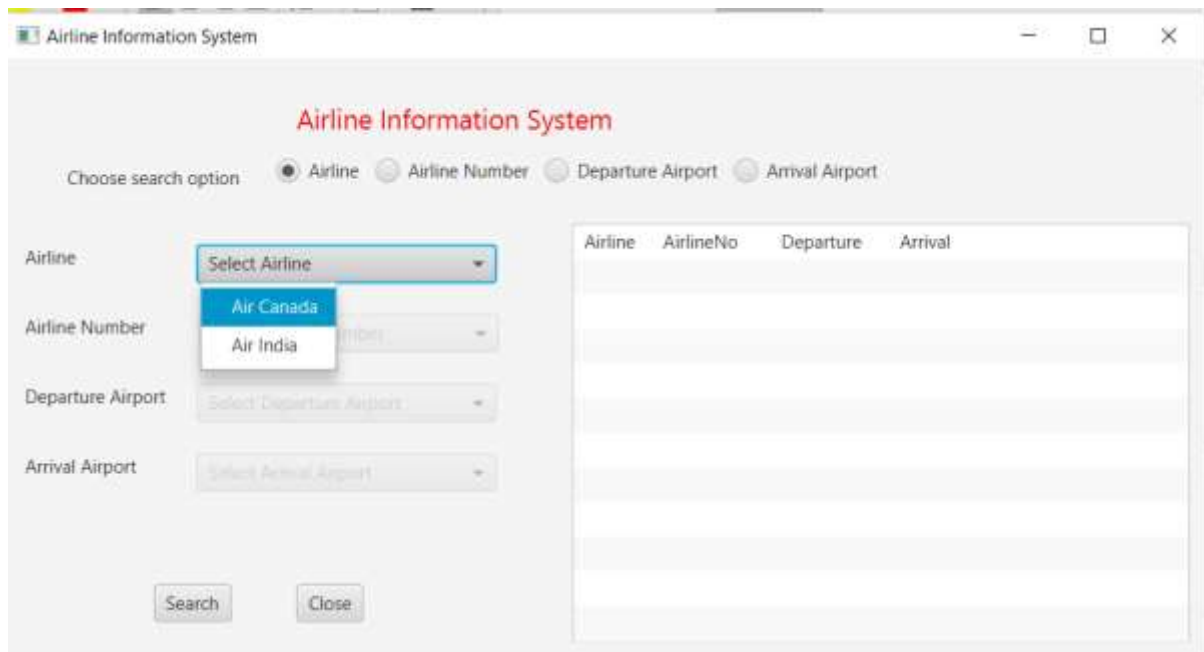
Make radio buttons for the choices.

The information could be retrieved from file named Flight.txt. Sample for Flight.txt
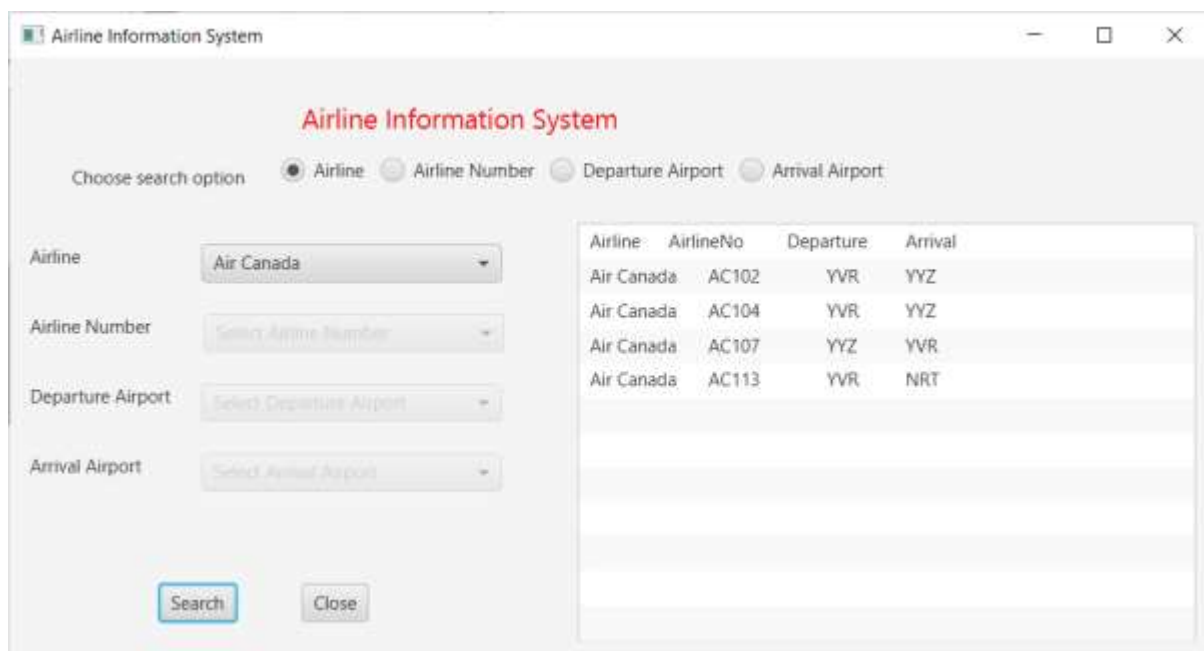

On selecting a radio button, choice box corresponding to radio button selected is populated from the flight.txt file (Hint- You can use sequential files for the same). All other choice boxes become disable. Use **fxidofchoicebox**.**setDisable(**true**);**

On making a selection from choice box, the information about the flights corresponding to the choice are displayed in list view. The list view should display header line by default.

On pressing search button, information corresponding to search criteria is populated in list view.

Pressing close button closes the application.

Create a repository in GitHub and Git in Eclipse and push your project in Github. Invite 'Kjeet1' as a collaborator to a personal repository

https://docs.github.com/en/github/setting-up-and-managing-your-github-user-account/inviting-collaborators-to-a-personal-repository