1/ Maryville University is well-known for its best MBA program, they have competitive admission rate each year. Therefore, this program will help with automatic tasks to collect information of all applicants from a file imported to list, sorted by top scores, and print out admission list, along with important statistics such as admission rate per Gender, Country, Age Range.

2/ this program will have 2 classes; **Student** Class and **Stack** class.

* Student Class will store applicant’s information such as Gender, Name, Gmat Score, Age Range, and Country containing two arguments Student List and Admission List. Also, there a several functions defined in this class to perform different tasks to calculate percentage of admission base on different criteria.
* Stack Class will be used as a **Data Structure** in this program to store information of students which allow the stack to **Insert** applicants into the Stack and **pop** applicants in one end. After importing student lists, the program will execute a **Sort algorithm** by GMAT score and display the student list from top scores to lowest score.
* Finally, the program will print out additional statistics regarding admission rate base on Gender, Country, age range.

3/ I tested a few time and the program is running properly. Program will prompt the user to enter the Admission % and calculate the numbers of applicants will be accepting.

4/ At first, I was thinking of using a Dictionary to store information by mapping the key as student name to the value as multiple attribute such as Gender, Age, Country, and Score. However, I can’t figure out any solution to sort the dictionary using an attribute in the value.