**STACK & QUEUE**

1. Create a program to add books to the shelf stack (maximum number is 10) using the **STACK** method. In the header menu, the application displays the total number of books that can still be added to the shelf. There are 4 menus in the program with the following conditions:
   * **Menu "Add books to the shelf"**, this menu is used to add the name of the book to the shelf. This menu can only be run if the rack has not reached the maximum quota.
   * **Menu "Removing books from the shelf"**, this menu is used to remove the last book from the shelf. This menu can only be run if the shelf is not empty.
   * **Menu “View Stacks”**, this menu is used to view the current data in the stacks.
   * **"EXIT" menu**, this menu is used to exit the program.
2. Create a program to add songs to the list (maximum number is 10) using the **QUEUE** method. In the header menu, the application will display the total number of more that can still be added to the list. There are 4 menus in the program with the following conditions:
   * **Menu "Add songs to list"**, this menu is used to add song titles to the list. This menu can only be run if the list has not reached the maximum quota.
   * **"Playing songs" menu**, this menu is used to play songs entered in the order. This menu can only be run if the list is not empty.
   * **Menu “View Queue”**, this menu is used to view the current data in the queues.
   * **"EXIT" menu**, this menu is used to exit the program.