The Great Computer Challenge, 2025
Object-Oriented Programming, Level 4

Challenge: *GCC's Historic Movie Bonanza*

Guidelines & Requirements: Demonstrate how to write a program and create a graphical user interface that is functional and interactive.

To keep ahead of the competition in the early 2000's, GCC's Historic Movie Bonanza was constantly changing its listing of new movie releases to video or DVD. To track the new releases available, your club has been hired to write an application that helps employees maintain a list of movie titles.

Since the list of new movie releases to video or DVD is updated frequently, your application needs to be very easy to use. Use a drop-down combo box to hold the movie titles. The list within the combo box needs to be sorted in alphabetical order. The current list of new movie releases available is as follows:

- *Flightplan*
- *North Country*
- *Saw II*
- *Rent*
- *Wallace and Gromit: Curse of the Were-rabbit*
- *Just Like Heaven*
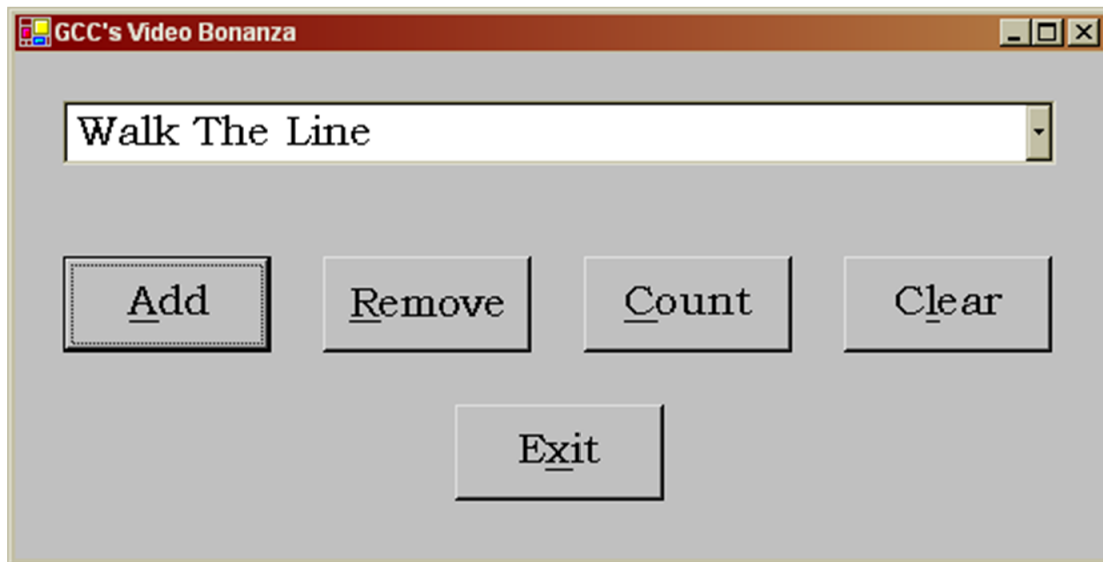- *Zathura*
- *Corpse Bride*

The following options for maintaining the list of movie titles need to be available:

- *Add Movie Title*
- *Remove Selected Movie Title*
- *Clear Movie Title List*
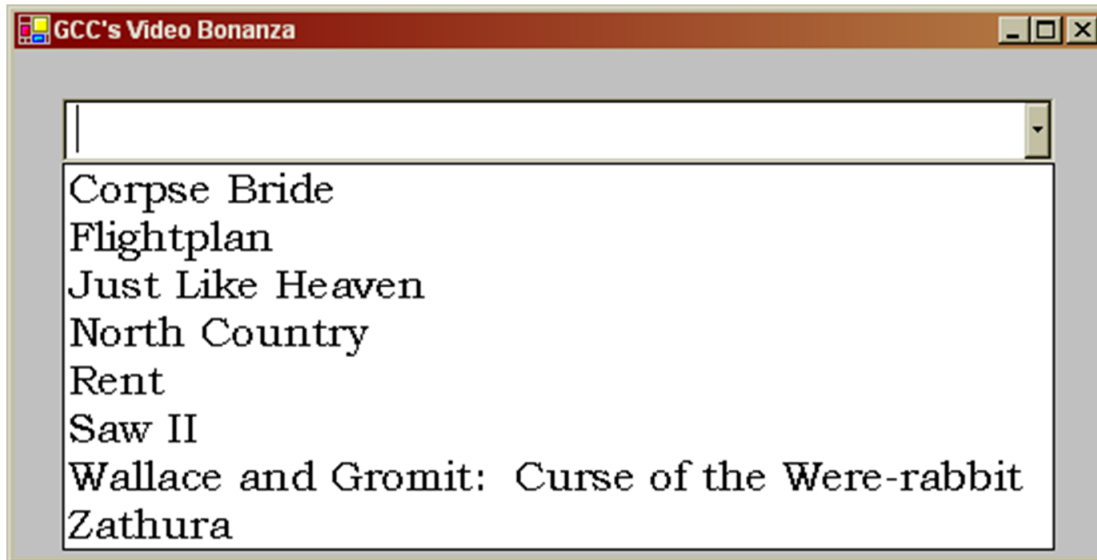- *Display Number Of Movie Titles Available*
- *Exit*

These choices should be available through buttons on the form.

To prevent errors, do not allow an employee to add a blank movie title to the list. An error message should be posted if the employee selects *Remove Selected Movie Title* without first selecting a movie title. Lastly, before *Clear Movie Title List*, display a message box which confirms the operation.

The following is an example of the application, indicating a movie title to be added to the list:

The following is an example of the application, showing the items found in the list of movie titles:

Judging Criteria: **The code is executable, and it runs and creates an attractive output with all the requirements.**

Have fun and thanks for participating in the
Great Computer Challenge, 2025!