

# CSCI 3328 Object Oriented Programming in C#

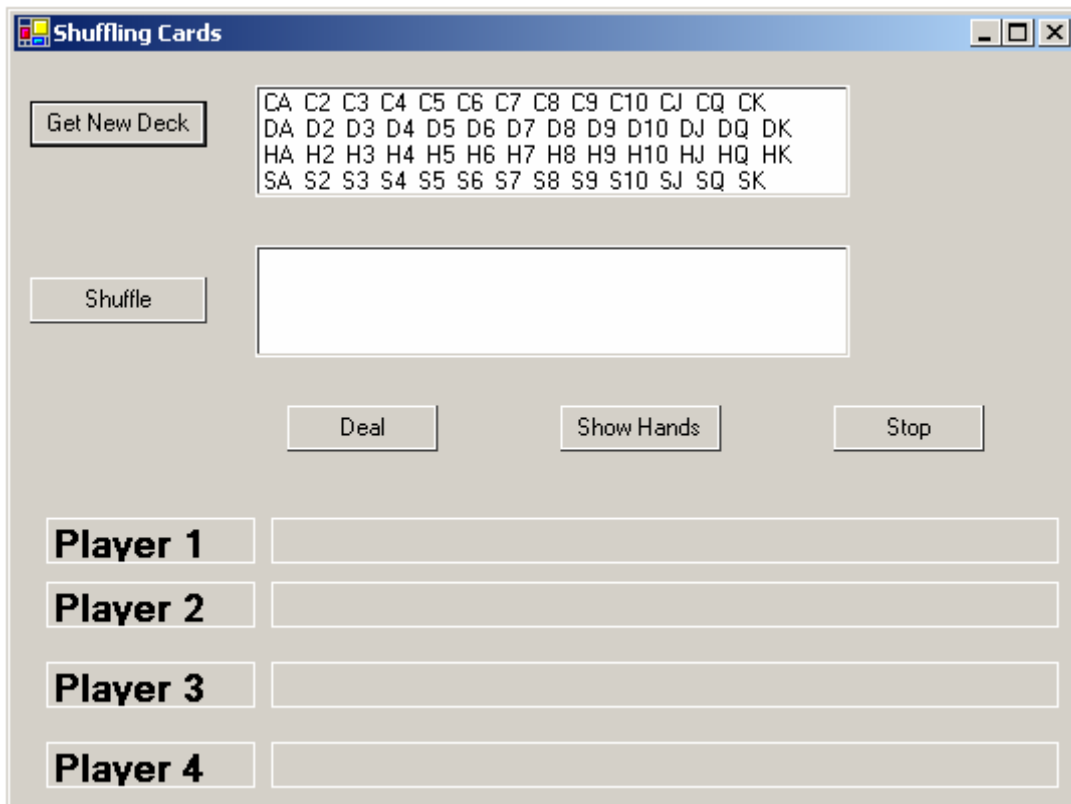
## Assignment #6

Instructor: Dr. Xiang Lian  
Due Date: See the course Web page

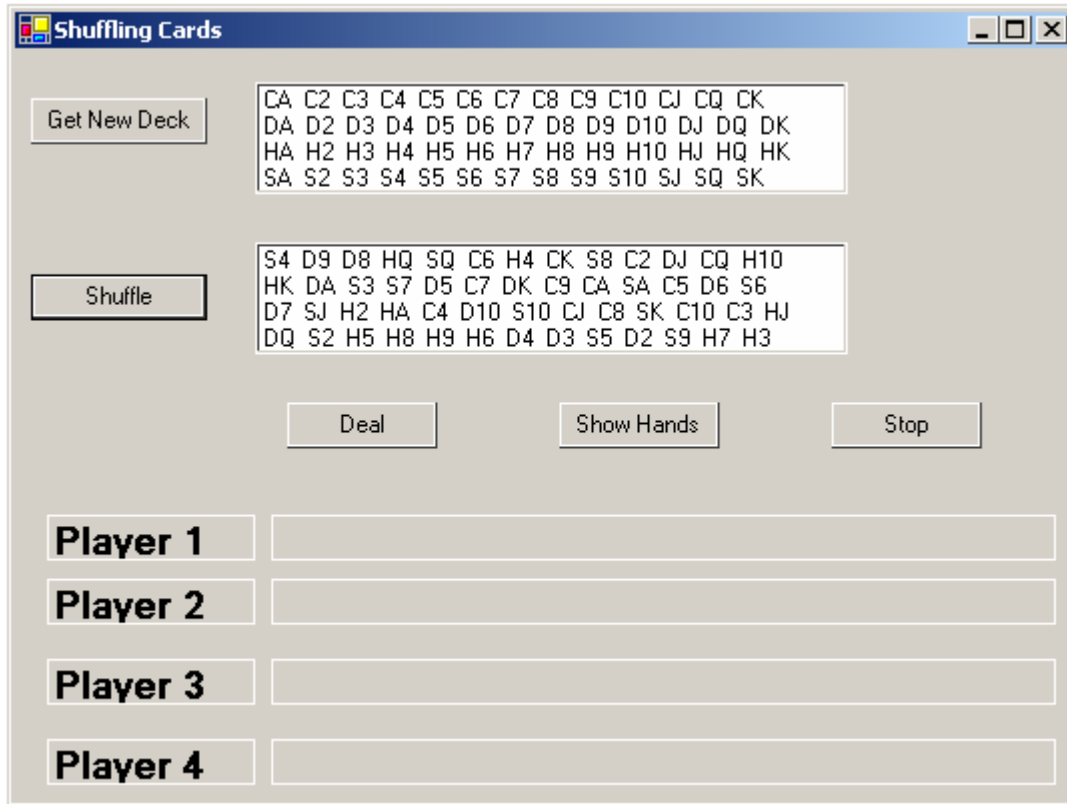
Write a program to show a deck of cards, shuffle cards, show shuffled deck, deal to 4 players, display dealt cards, arrange cards by suite, and display arranged cards.

Please start early. This assignment will take some time. Figure out your own way of shuffling cards.

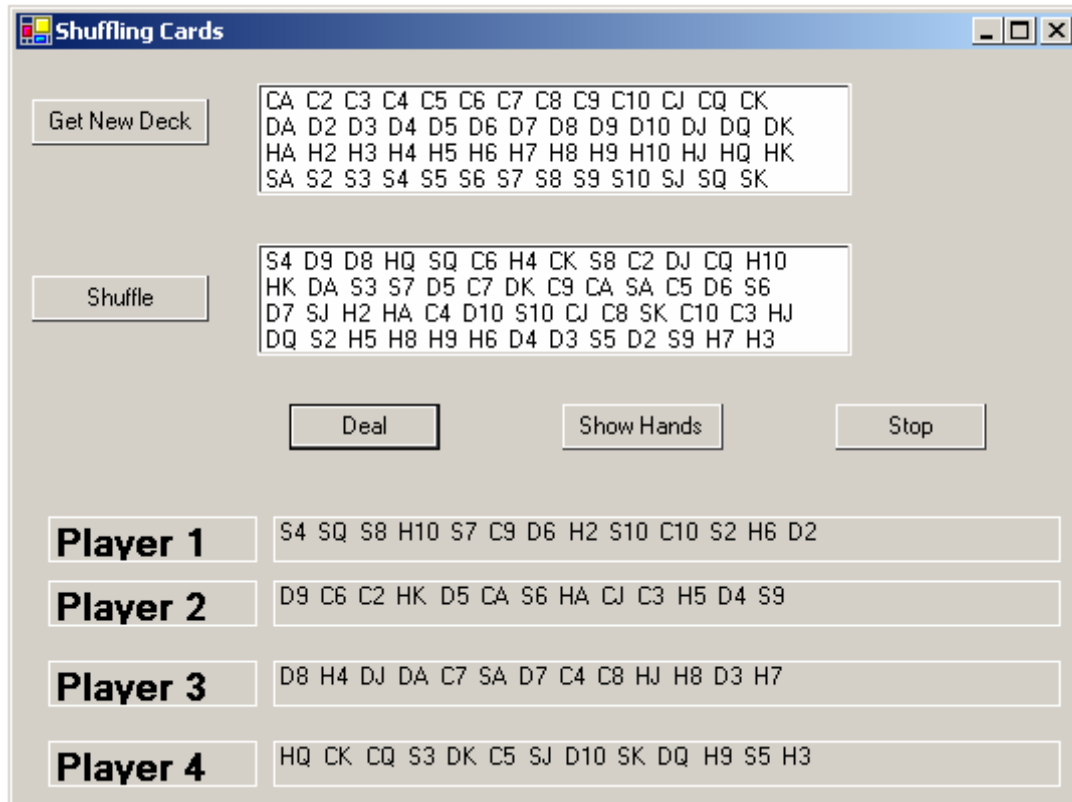
Button **Get New Deck**: The card names are read from a file and displayed in a list box.



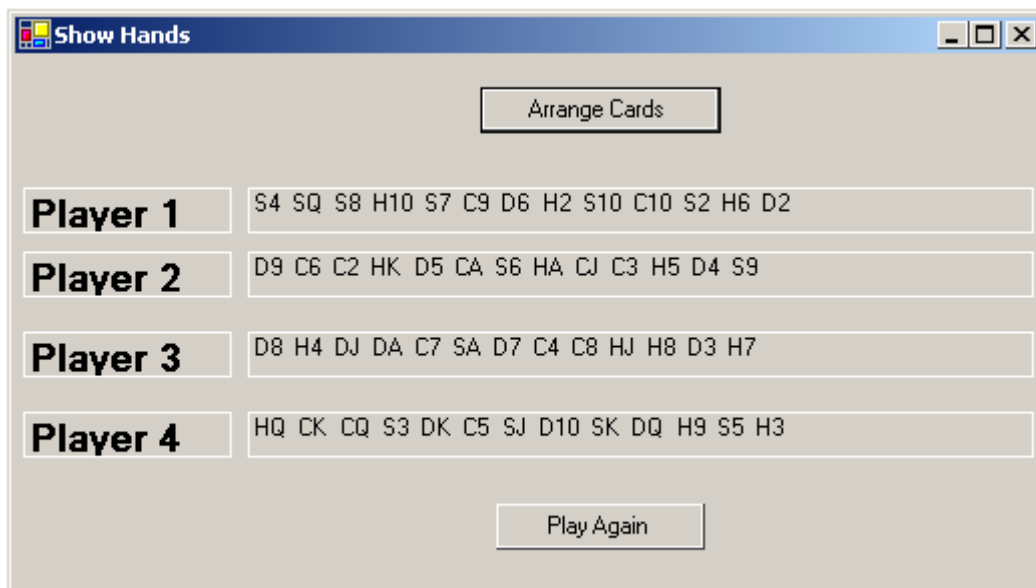
Button **Shuffle**: The cards are shuffled (abstractly) and displayed in the list box shown here.



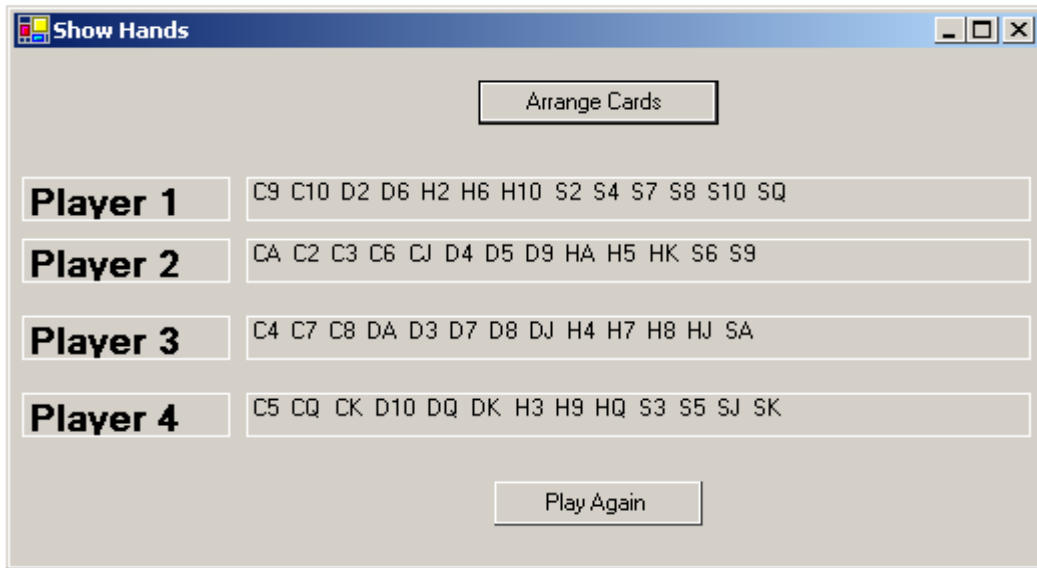
Button **Deal**: The shuffled cards are distributed one at a time in a round robin fashion to four players. Players' cards are displayed in the appropriate 3D label boxes.



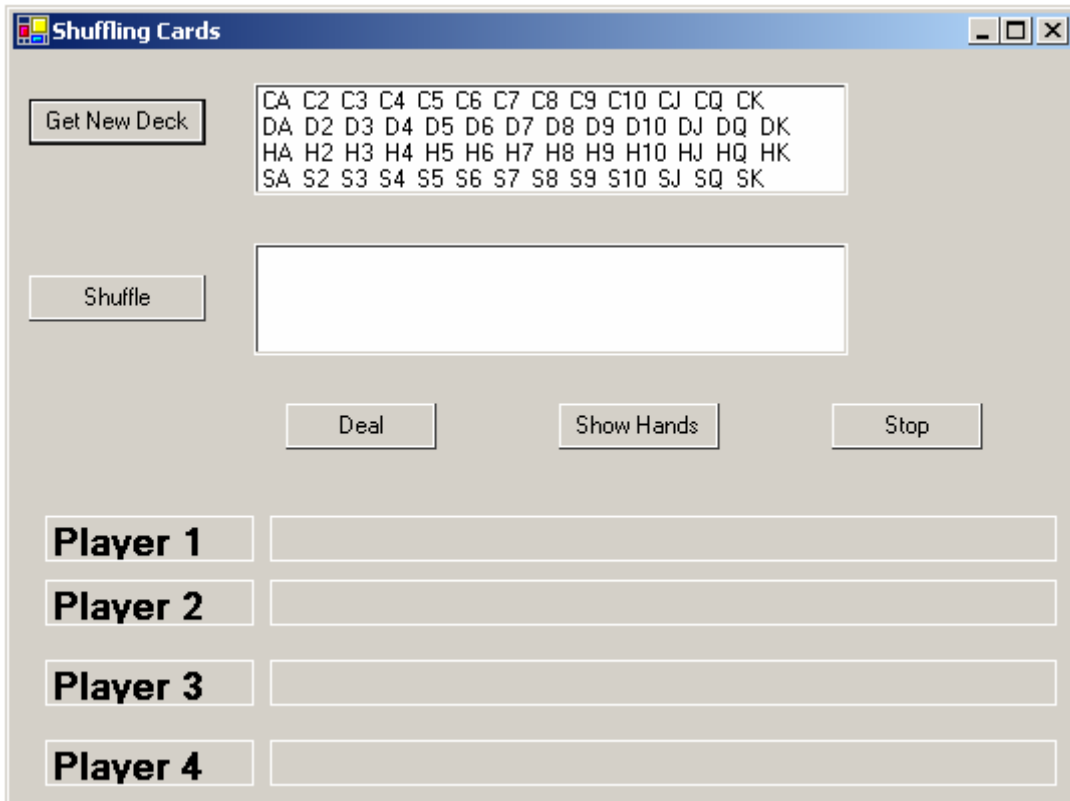
Button **Show Hands**: A new form is displayed with players cards.



Button **Arrange Cards**: The cards are re-ordered using a two-dim sort and re-displayed.



Button **Play Again**: This button takes you back to the previous form.



Please submit:

1. Program listing, and
2. The screen captures (as given in the Appendix)

Please submit all files in a compressed \*.zip file.

- Your program should begin with a comment section that would include the following:

PROGRAMMERS NAME: \_\_\_\_\_

STUDENT ID: \_\_\_\_\_

CLASS: \_\_\_\_\_ ASSIGNMENT #: \_\_\_\_\_

DATE DUE: \_\_\_\_\_ DATE TURNED IN: \_\_\_\_\_

- Upload the \*.zip file you created to the Blackboard. The subject of the submission must include the following information:  
[CSCI 3328] [Assignment #] [Your Name Here] [Your Student ID Here]