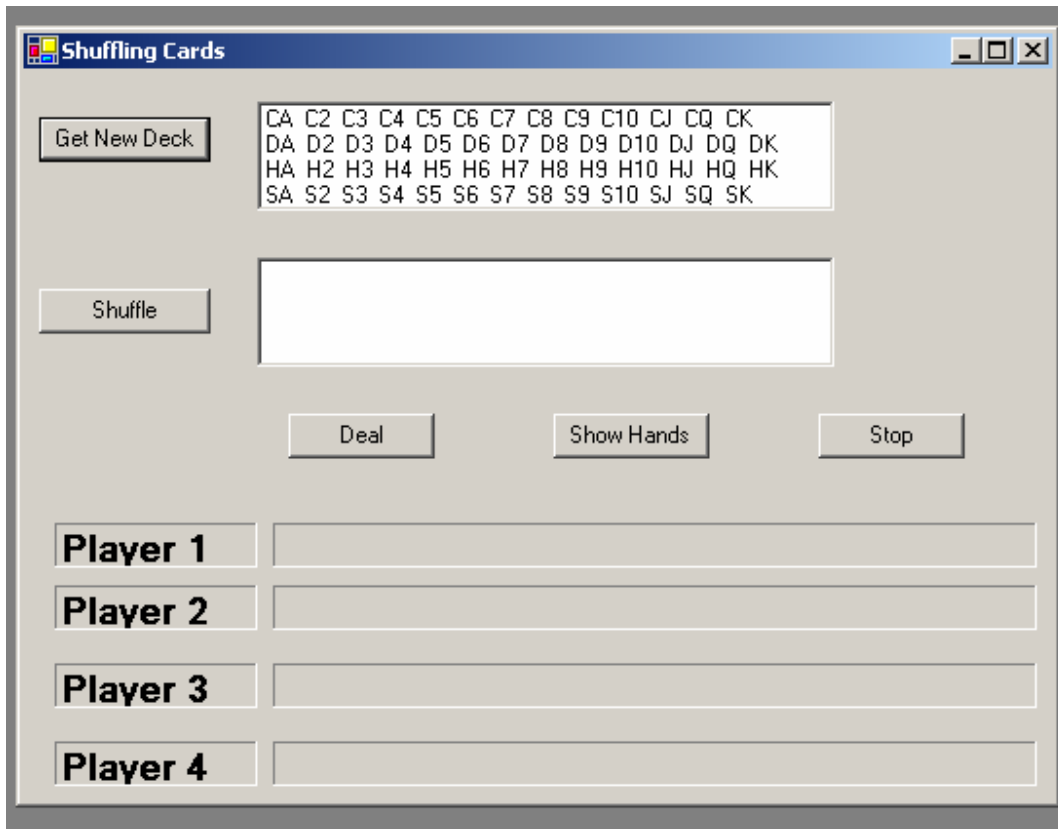


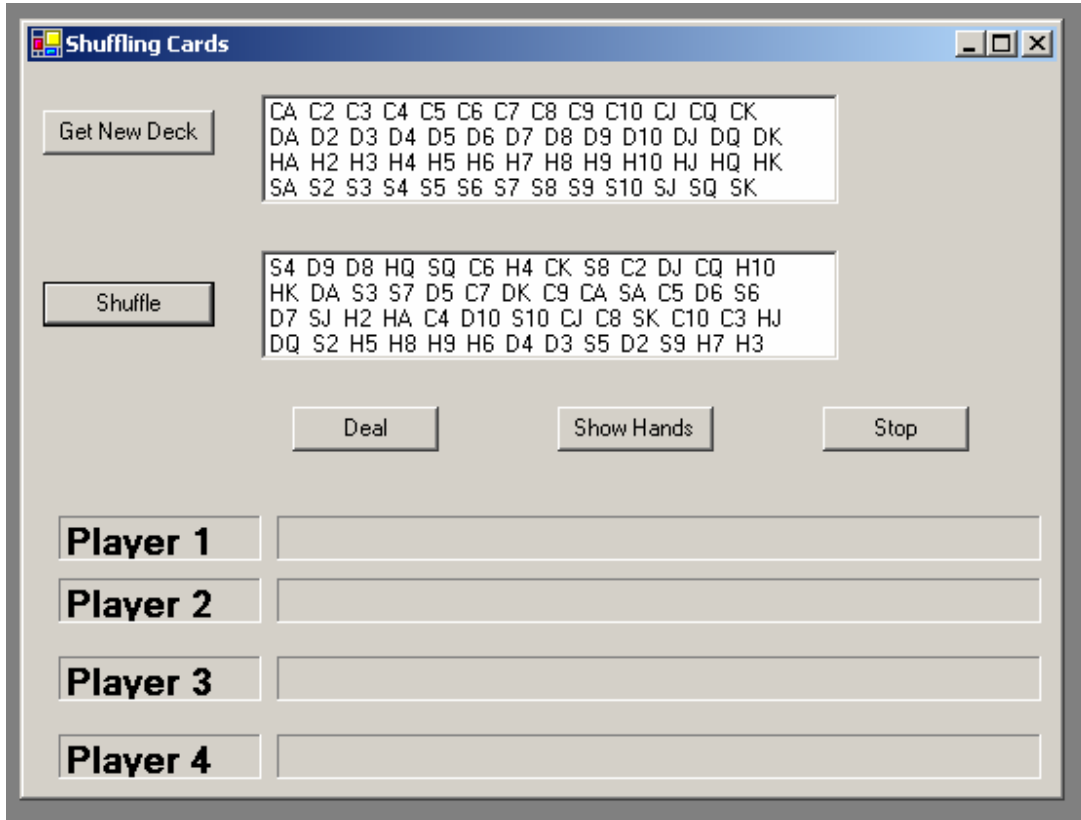
**Assignment #5**  
**CSCI 3327 VB.NET**  
**Dr. Abraham**

Write a program involving a single and two-dim arrays, shuffling and two-dim sorting as shown in the following samples. The graphics portion is actually your assignment #6. Just do what is given from pages 1 through 4. Please start early. This assignment will take some time. Figure out your own way of shuffling cards. Once the cards have been dealt, organize them using a two dimensional sort.

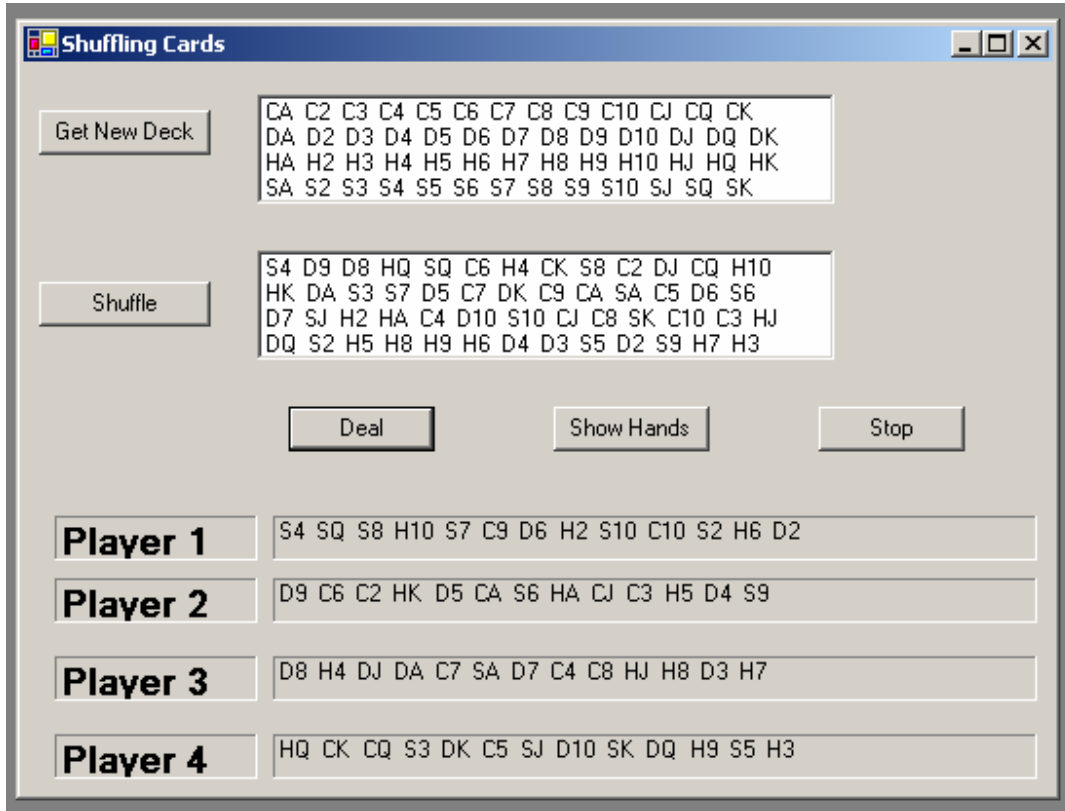
Button **Get New Deck:** The card names are read from a file and displayed in a list box.



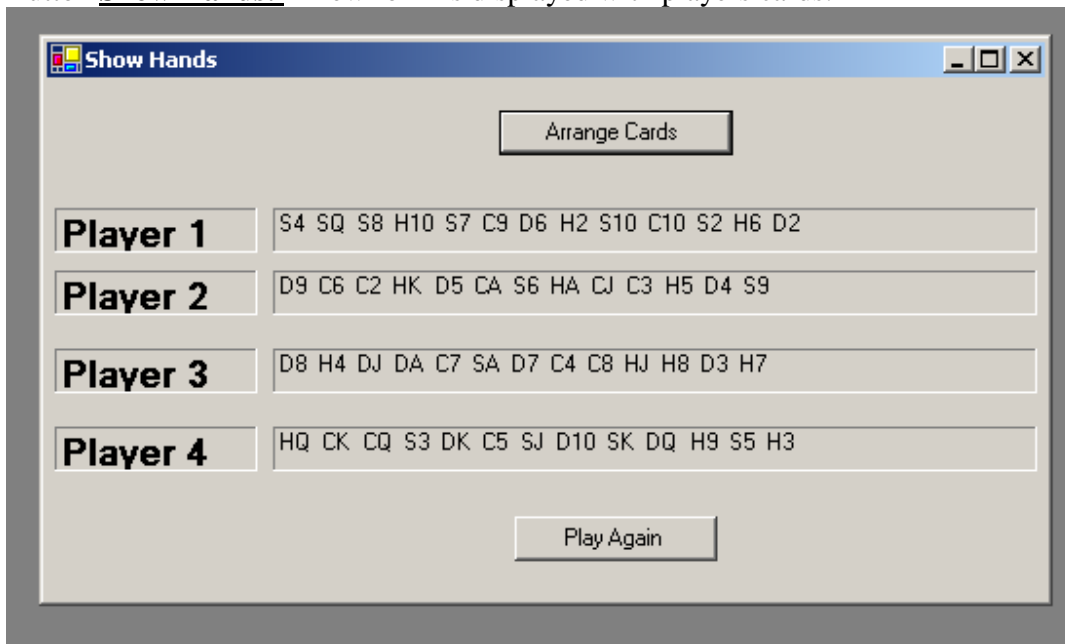
Button **Shuffle**: The cards are shuffled (abstractly) and displayed in the list box shown here.



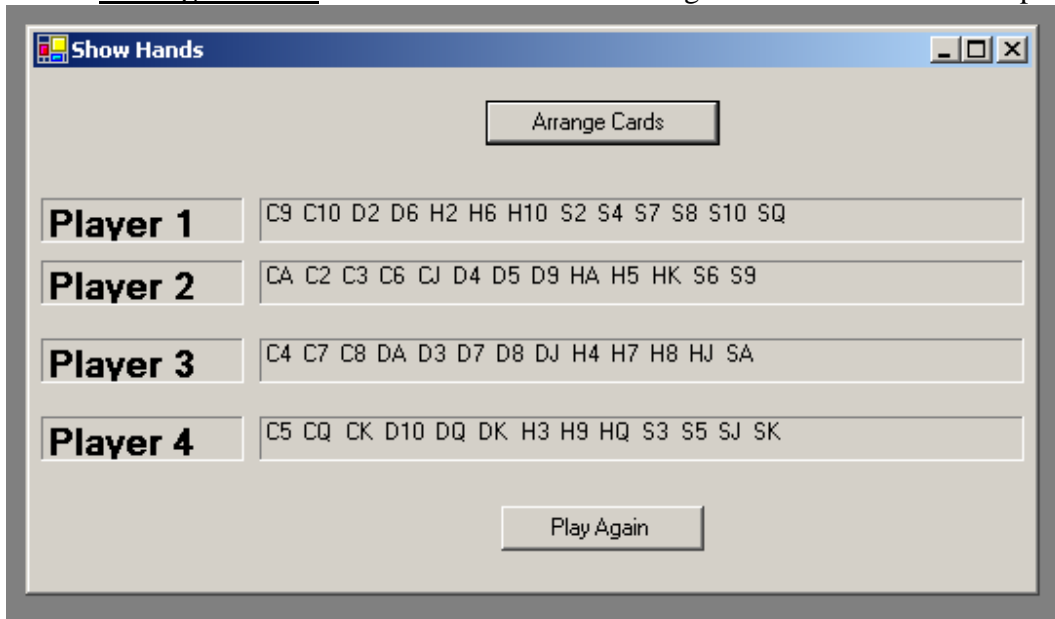
Button **Deal**: The shuffled cards are distributed one at a time in a round robin fashion to four players. Players cards are displayed in the appropriate 3D label boxes.



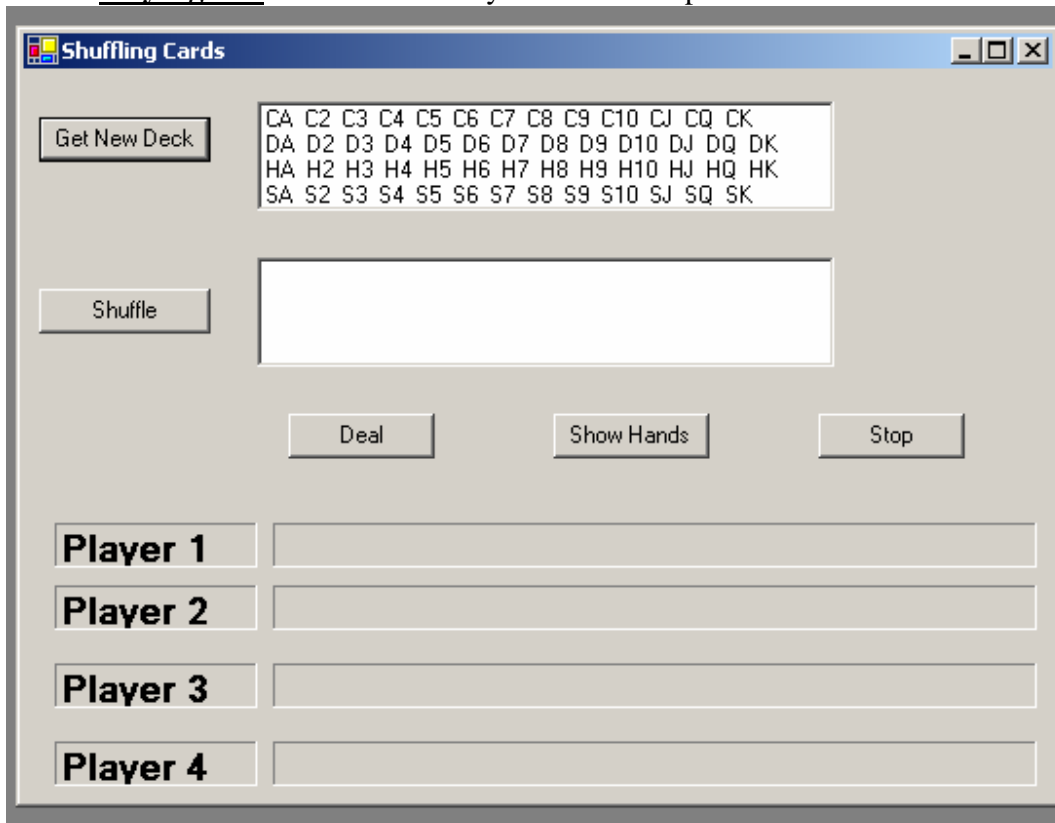
Button **Show Hands**: A new form is displayed with players cards.

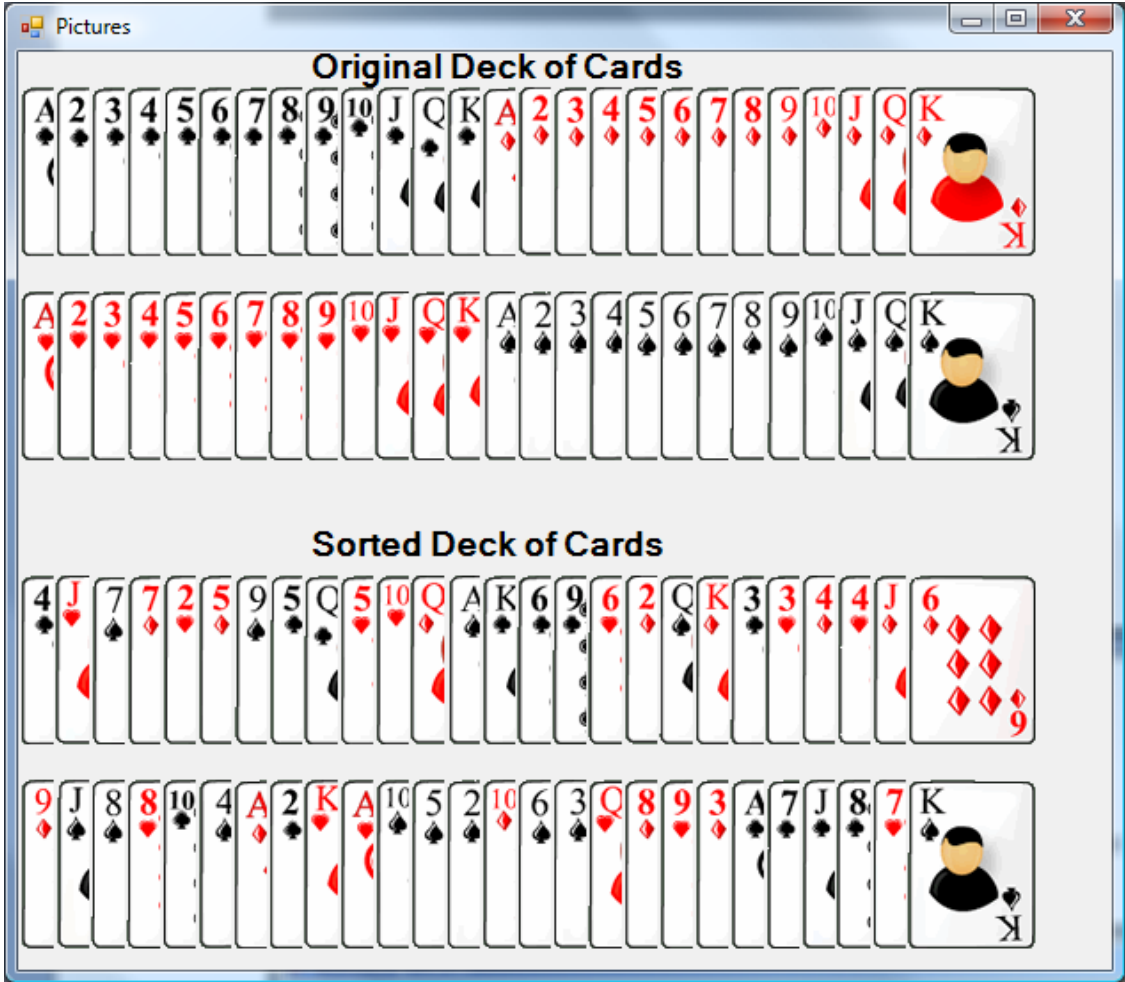


Button **Arrange Cards**: The cards are re-ordered using a two-dim sort and re-displayed.



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





Show Hands

Arrange Cards

<b>Player 1</b>	CJ C6 S9 S7 C10 SJ HJ H3 H7 C5 D4 C9 HK
<b>Player 2</b>	D3 D5 SA C7 H5 D6 D10 D7 HQ S10 HA C3 S2
<b>Player 3</b>	DJ D2 S3 DQ H6 S4 SQ D8 CA H9 DK SK DA
<b>Player 4</b>	C4 H8 C8 H4 S8 CK CQ D9 C2 H10 S5 S6 H2

Play Again

<b>Player 1</b>	
<b>Player 2</b>	
<b>Player 3</b>	
<b>Player 4</b>	

Arranged cards:

<b>Player 1</b>	C5 C6 C9 C10 CJ D4 H3 H7 HJ HK S7 S9 SJ
<b>Player 2</b>	C3 C7 D3 D5 D6 D7 D10 HA H5 HQ SA S2 S10
<b>Player 3</b>	CA DA D2 D8 DJ DQ DK H6 H9 S3 S4 SQ SK
<b>Player 4</b>	C2 C4 C8 CQ CK D9 H2 H4 H8 H10 S5 S6 S8

<b>Player 1</b>	
<b>Player 2</b>	
<b>Player 3</b>	
<b>Player 4</b>	