

## Array-RevHW

Create a program with a button and two list boxes to process a text file of integers.

The button should perform the following steps:

1. Show an OpenFileDialog for the user to select the file.
  - a. Write a method to call the OpenFileDialog.
  - b. Display an error message if needed.
2. Read the text file of integers into an array.
  - a. Write a method to read the file into the array.
  - b. Display the integers in the first list box.
  - c. Display an error message if the file was not read.
3. Convert the integers into words in another array.
  - a. Write a method to loop through the integer array.
  - b. For the values 1 through 5, store the word "one", "two," etc., in the corresponding element of the second array.
  - c. If the integer is less than 1, store the word "lower."
  - d. If the integer is more than 5, store the word "higher."
  - e. Display the words in the second list box.
4. Save the word array in another text file.
  - a. Write a method to show a SaveFileDialog.
  - b. Write another method to save the array to the file entered by the user.
  - c. Display error messages as needed.