**ASSIGNMENT**

IN A CONSOLE APP, CREATE CODE THAT DOES THE FOLLOWING:

1. Create a one-dimensional Array of strings. Ask the user to input some text. Create a loop that goes through each string in the Array, adding the user’s text to the string. Then create a loop that prints off each string in the Array on a separate line.
2. Create an infinite loop.
3. Fix the infinite loop so it will execute.
4. Create a loop where the comparison used to determine whether to continue iterating the loop is a “<” operator.
5. Create a loop where the comparison used to determine whether to continue iterating the loop is a “<=” operator.
6. Create a List of strings where each item in the list is unique. Ask the user to input text to search for in the List. Create a loop that iterates through the loop and then displays the index of the array that contains matching text on the screen.
7. Add code to that above loop that tells a user if they put in text that isn’t in the List.
8. Add code to that above loop that stops it from executing once a match has been found.
9. Create a List of strings that has at least two identical strings in the List. Ask the user to select text to search for in the List. Create a loop that iterates through the loop and then displays the indices of the array that contain matching text on the screen.
10. Add code to that above loop that tells a user if they put in text that isn’t in the List.
11. Create a List of strings that has at least two identical strings in the List. Create a foreach loop that evaluates each item in the list, and displays a message showing the string and whether or not it has already appeared in the list.