Test plan

input output

print names alex, jim, carol, paul, larry

IsFull bool true

DeleteName delete alex array and lower length

PutName input Joshua

GetName find larry

GetNextName find carol

ResetList start back at carol

MakeEmpty empty out contents of array paul

PutName input adam

Print sorted list adam, carol, jim, Joshua, larry

the test plan has failed to run. The test plan was meant to display the contents of the arrays first unsorted. The program is then supposed to test if the array is full and then delete one of the names (alex). Once the name is deleted a new name(joshua) will enter the array list. Then we test to see if the name larry among the names. Then we search for the next name (carol) and print. We reset the list which should take us back to the beginning. Then we implement the MakeEmpty function to empty out the array containing paul. Then we call the PutName function again to add adam to the list and then we print the contents of the list in sorted order.