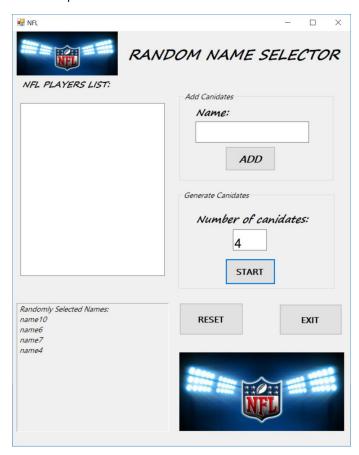
## 1. No duplications



- 2. Persons can only be selected once &
- 3. No. of Candidates specify the number of candidates to be chosen



- 4. List the candidates on the selection list
- 5. The start button starts the program to randomly select candidates



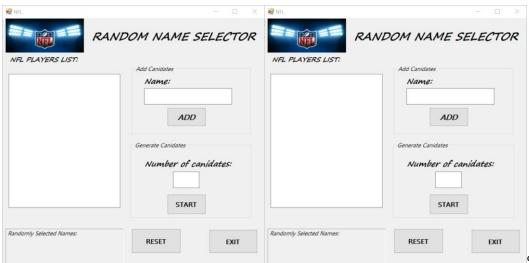
6. If subsequent start is made, program should automatically clear the selection list and print the new candidates



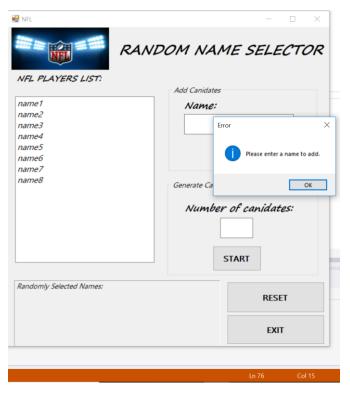
7. The reset button re-activates the list to its orginal form



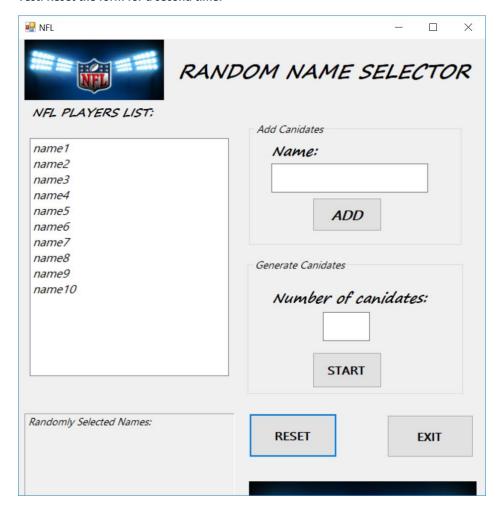
8. The exit button ends the program



9. Validation



Test: Reset the form for a second time.



## CODE:

```
orm1.cs + × Form1.cs [Design]

→ ¶ RandomDrugTestSelector.Form1

                                                                                           using System.Linq;
using System.Text;
   mespace RandomDrugTestSelector
                public partial class Form1 : Form
                   InitializeComponent();
                   private void btnAdd_Click(object sender, EventArgs e)
{
                        if (txtName.Text != "")
{
                           lbNames.Items.Add(txtName.Text);
txtName.Focus();
txtName.Clear();
                      else {
                           MessageBox.Show("Please enter a name to add.", "Error", MessageBoxButtons.OK, MessageBoxIcon.Informatic txtName.Focus();
                   private void btnStart_Click(object sender, EventArgs e)
{
                        stringArray = new string[lbNames.Items.Count];
int canNumber = Int32.Parse(txtCanidateNumber.Text.ToString());
                        for (int i=0; i< lbNames.Items.Count; i++ )
                            stringArray[i] = lbNames.Items[i].ToString();
Random randomNumbers = new Random(); // random-number generator
                         while (canNumber > 0)
                             int number = randomNumbers.Next(1, lbNames.Items.Count);
                             selection.AppendLine(1bNames.Items[number].ToString());
1bNames.Items.Remove(1bNames.Items[number]);
                              canNumber--;
                         lblRandomNames.Text = lblRandomNames.Text+ "\n"+selection.ToString();
                         lbNames.Items.Clear();
                   private void btnReset_Click(object sender, EventArgs e)
{
                         for (int i = 0; i < stringArray.Length; i++)</pre>
                             //stringArray[i] = lbNames.Items[i].ToString();
lbNames.Items.Add(stringArray[i].ToString());
                        stringArray = null;
txtCanidateNumber.Text = null;
txtName.Text = null;
blRandomNames.Text = "Randomly Selected Names:";
lbNames.Text = lbNames.Texts.ToString();
selection.Clear();
                   private void btnExit_Click(object sender, EventArgs e)
                        Application.Exit();
```

