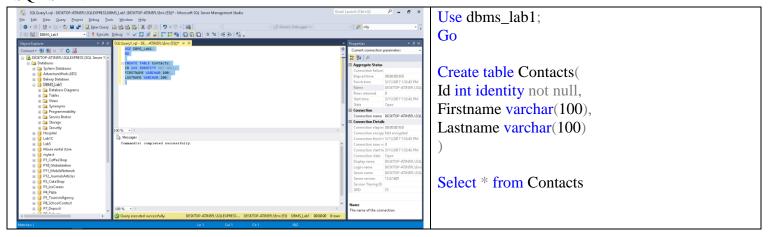
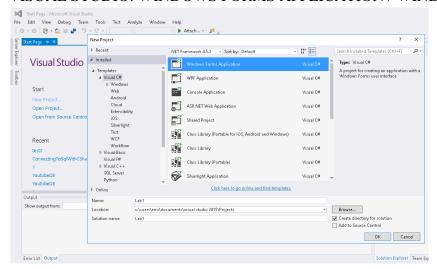
# **Application Lab1**

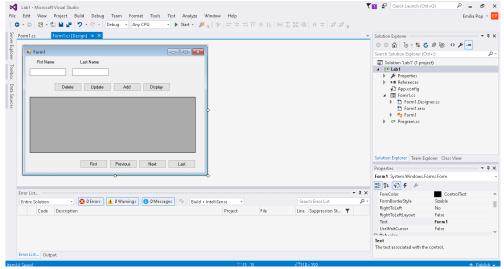
## **SQL SERVER**



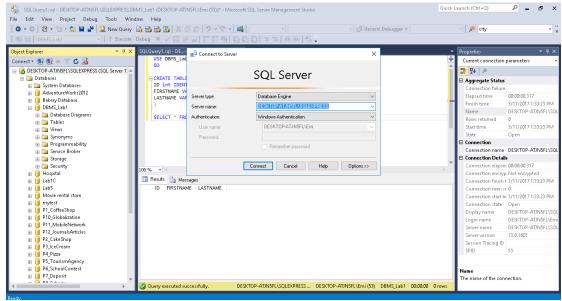
# VISUAL STUDIO: WINDOWS FORMS APPLICATION / WINDOWS FORMS APP(.NET FRAMEWORK)



## The form that will be implemented is:



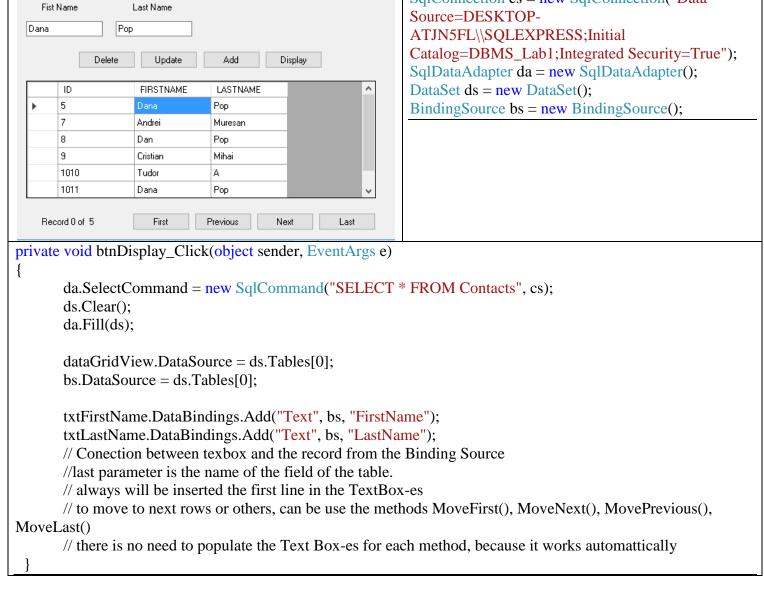
Include in code the package: using System.Data.SqlClient; Take the ServerName



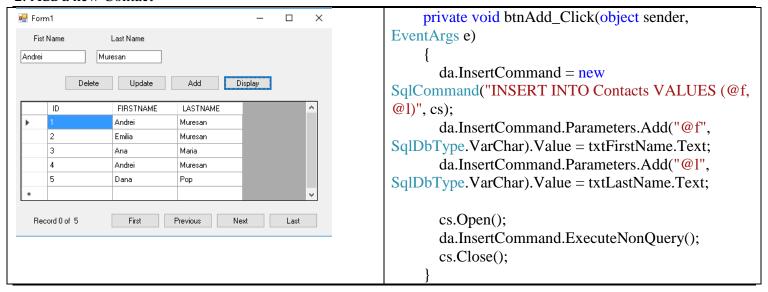
SqlConnection cs = new SqlConnection("Data

1. Display all the Contacts – also appear automatically in TextBox (the first record is selected) 

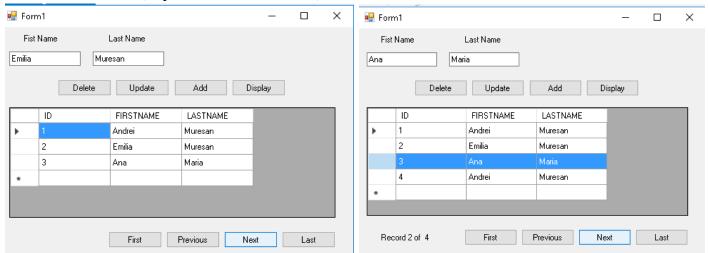
🖳 Form1



#### 2. Add a new Contact



3. Go to the next record (or previous, or last, or first).



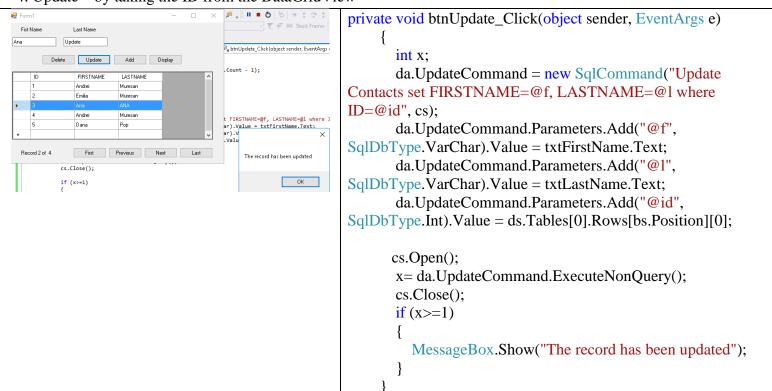
Mark the selection inside the dataGridView and give also a message in a label (the position of each record when you navigate through it). So, BindingSource allows the navigation through the DataGridView and can take the positions.

```
private void dataGridViewUpdate()
                                                                   private void records()
                                                                      label3.Text = "Record" + bs.Position + "of"
       dataGridView.ClearSelection();
       dataGridView.Rows[bs.Position].Selected = true;
                                                               + (bs.Count - 1);
       records();
                                                                   private void btnPrevious_Click(object sender,
    private void btnFirst_Click(object sender, EventArgs e)
                                                               EventArgs e)
       bs.MoveFirst();
       dataGridViewUpdate();
                                                                      bs.MovePrevious();
                                                                      dataGridViewUpdate();
       records();
                                                                      records();
```

```
private void btnNext_Click(object sender, EventArgs e)
{
    bs.MoveNext();
    dataGridViewUpdate();
    records();
}

private void btnLast_Click(object sender,
EventArgs e)
{
    bs.MoveLast();
    dataGridViewUpdate();
    records();
}
```

#### 4. Update – by taking the ID from the DataGridView



#### 5. Delete

