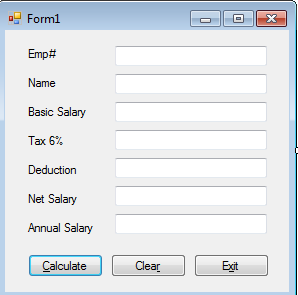
**Lecture # 11: Objective:**

* Three Layers Architecture



Employee Form

Biz Layer

using System;

using System.Collections.Generic; using System.Linq;

using System.Text;

namespace EmployeeForm.Biz\_Layer

{

public class ClsForm1

{

float bsal,tax, deduction, nsal, asal; public float propbsal

{

get

{

}

set

{

}

}

return bsal;

bsal = value;

public float proptax

{

get

{

}

set

{

}

}

return tax;

tax = value;

public float propdeduction

{

get

{

}

set

{

}

}

return deduction;

deduction = value;

public float propnsal

{

get

{

}

set

{

}

}

return nsal;

nsal = value;

public float propasal

{

get

{

}

set

{

}

}

return asal;

asal = value;

public void calTax()

{

proptax = float.Parse(propbsal.ToString()) \* float.Parse((0.06).ToString());

}

public void calNsal()

{

propnsal = propbsal - propdeduction - proptax;

}

public void calAsal()

{

propasal = propnsal \* 12; } }}

using System.Windows.Forms; using EmployeeForm.Biz\_Layer;

namespace EmployeeForm

{

public partial class Form1 : Form

{

float bsal, tax, deduction, nsal, asal;

public Form1()

{ InitializeComponent(); }

private void btnCalculate\_Click(object sender, EventArgs e)

{

if (txtEmpNo.Text == string.Empty)

{

MessageBox.Show("Employee Number"); txtEmpNo.Focus();

}

else if (txtName.Text == string.Empty)

{

MessageBox.Show("Name"); txtName.Focus();

}

else if (txtSalary.Text == string.Empty)

{

MessageBox.Show("Salary"); txtSalary.Focus();

}

else if (txtDeduction.Text == string.Empty)

{

MessageBox.Show("Deduction"); txtDeduction.Focus();

}

else

{ try

{ ClsForm1 objF = new ClsForm1(); objF.propbsal = float.Parse(txtSalary.Text);

objF.propdeduction = float.Parse(txtDeduction.Text);

objF.calTax();

txtTax.Text = objF.proptax.ToString();

objF.calNsal();

txtNetSalary.Text = objF.propnsal.ToString();

objF.calAsal();

txtAnnualSalary.Text = objF.propasal.ToString(); } catch (Exception ex)

{ MessageBox.Show(ex.Message); } } }

private void btnClear\_Click(object sender, EventArgs e)

{ txtEmpNo.Text = string.Empty; txtName.Text = string.Empty; txtSalary.Text = string.Empty; txtTax.Text = string.Empty; txtDeduction.Text = string.Empty;

txtNetSalary.Text = string.Empty; txtAnnualSalary.Text = string.Empty; }

private void btnExit\_Click(object sender, EventArgs e)

{ MessageBox.Show("Good Bye"); Application.Exit(); } }}