using System;

using System.Collections.Generic;

using System.ComponentModel;

using System.Data;

using System.Drawing;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

using System.Windows.Forms;

namespace Lab2

{

public partial class Form1 : Form

{

public Form1()

{

InitializeComponent();

}

private void Name\_TextChanged(object sender, EventArgs e)

{

}

private void totalSales\_TextChanged(object sender, EventArgs e)

{

}

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

{

string n = Nemp.Text; //employee name

double t = GetInput(totalSales.Text,0); //Weekly Sale

double commissions = Deductions(t,.07); //7%

double tax = Deductions(commissions, .18);//18%

double retirement = Deductions(commissions, .15);//15%

double social = Deductions(commissions, .09);//9%

double totalD = tax + retirement + social;

double net = calcNetPay(commissions, totalD);

fedTax.Text = tax.ToString("F");

RetCon.Text = retirement.ToString("F");

SS.Text = social.ToString("F");

label9.Text = net.ToString("F");

}

private double Deductions(double var, double pd)

{

double total = var \* pd;

return total;

}

private double calcNetPay(double total, double deductions)

{

double net = total - deductions;

return net;

}

private double GetInput(string s, double low)

{

double z = 0;

if (double.TryParse(s, out z))

{

double test = Convert.ToDouble(s);

if (test >= low)

{

return test;

}

else

{

MessageBox.Show("Total Weekly sales must be a positive number.");

totalSales.Clear();

return 0;

}

}

else

{

MessageBox.Show("You did not input valid numbers please try again.");

totalSales.Clear();

return 0;

}

}

private void fedTax\_TextChanged(object sender, EventArgs e)

{

}

private void RetCon\_TextChanged(object sender, EventArgs e)

{

}

private void SS\_TextChanged(object sender, EventArgs e)

{

}

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

{

Nemp.Text = "";

totalSales.Text = "";

fedTax.Text = "";

SS.Text = "";

RetCon.Text = "";

}

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

{

Close();

}

private void label9\_Click(object sender, EventArgs e)

{

}

}

}

