

using System;

using System.Collections.Generic;

using System.ComponentModel;

using System.Data;

using System.Drawing;

using System.Text;

using System.Windows.Forms;

using System.Data.Odbc;

using System.IO;

using System.Drawing.Printing;

using System.Threading;

namespace spring2015win04

{

 public partial class Form1 : Form

 {

 static public string sql;

 static public string constr = "dsn=jkpdsn; name=root; pwd=";

 static public OdbcConnection con;

 static public OdbcCommand cmd;

 static public OdbcDataReader rd;

 static public string sql1;

 static public string constr1 = "dsn=jkpdsn; name=root; pwd=";

 static public OdbcConnection con1;

 static public OdbcCommand cmd1;

 static public OdbcDataReader rd1;

 static public int[] clbid4 = new int[50]; //customer frontpage

 static public int[] clbid5 = new int[50]; //customer customer section

 static public int[] ccbid5 = new int[50]; //customer contact section

 static public int[] cocbid4 = new int[50]; //contacts frontpage

 static public int[] colbid6 = new int[50]; //contacts contacts section

 static public int[] slbid3 = new int[50]; //supplier section

 static public int[] scbid1 = new int[50]; //supplier section

 static public int[] pcbid2 = new int[50]; //product frontpage

 static public int[] plbid7 = new int[50]; //product product section

 static public int[] splbid2 = new int[50]; //salesperson salesperson section

 static public int[] spcbid3 = new int[50]; //salesperson frontpage

 static public DateTime today, dttime;

 static public int cusid;

 static public int lastorderid = 0;

 static public int lastproid = 0;

 static public int lastproprice = 0;

 static public int total = 0;

 static public bool neworderenable = true;

 static public int count = 0;

 static StreamReader streamToPrint;

 static Font printFont;

 public Form1()

 {

 InitializeComponent();

 today = DateTime.Now; // get date of today

 textBox33.Text = today.Date.ToShortDateString();

 //sql = "DROP TABLE customers;";

 //dbw();

 try

 {

 sql = "CREATE TABLE customers(";

 sql += " cus\_id int primary key auto\_increment,";

 sql += " cus\_name varchar(50),";

 sql += " cus\_addr varchar(50),";

 sql += " cus\_zip int,";

 sql += " cus\_city varchar(50),";

 sql += " cus\_email varchar(50),";

 sql += " cus\_phone int";

 sql += ");";

 dbw();

 }

 catch

 {

 }

 try

 {

 sql = "CREATE TABLE contacts( ";

 sql += " con\_id int primary key auto\_increment,";

 sql += " cus\_id int,";

 sql += " con\_name varchar(50));";

 dbw();

 }

 catch

 {

 }

 try

 {

 sql = "CREATE TABLE suppliers( ";

 sql += " sup\_id int primary key auto\_increment,";

 sql += " sup\_name varchar(50),";

 sql += " sup\_addr varchar(50),";

 sql += " sup\_zip int,";

 sql += " sup\_city varchar(50),";

 sql += " sup\_phone int,";

 sql += " sup\_email varchar(30));";

 dbw();

 }

 catch

 {

 }

 sql = "DROP TABLE products;";

 //dbw();

 try

 {

 sql = "CREATE TABLE products(";

 sql += " pro\_id int primary key auto\_increment,";

 sql += " sup\_id int,";

 sql += " pro\_name varchar(50),";

 sql += " pro\_price int,";

 sql += " pro\_description varchar(150)";

 sql += ");";

 dbw();

 }

 catch

 {

 }

 try

 {

 sql = "CREATE TABLE salespersons(";

 sql += " sp\_id int primary key auto\_increment,";

 sql += " sp\_name varchar(30)";

 sql += " );";

 dbw();

 }

 catch

 {

 }

 sql = "drop table orders;";

 //dbw();

 try

 {

 sql = "CREATE TABLE orders(";

 sql += " ord\_id int primary key auto\_increment,";

 sql += " ord\_date varchar(25),";

 sql += " ord\_time varchar(25),";

 sql += " con\_name varchar(30),";

 sql += " sp\_name varchar(30),";

 sql += " cus\_id int,";

 sql += " sp\_id int";

 sql += ");";

 dbw();

 }

 catch

 {

 }

 sql = "DROP TABLE orderlines;";

 //dbw();

 try

 {

 sql = "CREATE TABLE orderlines(";

 sql += " orl\_id int primary key auto\_increment,";

 sql += " ord\_id int,";

 sql += " cus\_id int,";

 sql += " pro\_id int,";

 sql += " orl\_quantity int";

 sql += " );";

 dbw();

 }

 catch

 {

 }

 try

 {

 showcustomers();

 showcontacts();

 showsuppliers();

 showproducts();

 showsp();

 showorders();

 }

 catch

 {

 }

 }

 // database methods

 private void dbw()

 {

 con = new OdbcConnection(constr);

 cmd = new OdbcCommand(sql, con);

 con.Open();

 cmd.ExecuteNonQuery();

 con.Close();

 }

 private void dbr()

 {

 con = new OdbcConnection(constr);

 cmd = new OdbcCommand(sql, con);

 con.Open();

 rd = cmd.ExecuteReader();

 }

 private void dbr1()

 {

 con1 = new OdbcConnection(constr1);

 cmd1 = new OdbcCommand(sql1, con1);

 con1.Open();

 rd1 = cmd1.ExecuteReader();

 }

 //show-Update methods

 private void showcustomers()

 {

 int i = 0;

 listBox4.Items.Clear();

 listBox5.Items.Clear();

 comboBox5.Items.Clear();

 comboBox5.Text = "";

 sql = "SELECT \* FROM customers;";

 //MessageBox.Show(sql);

 dbr();

 while (rd.Read())

 {

 //listBox3.Items.Add(rd["cus\_name"].ToString());

 listBox4.Items.Add(rd["cus\_name"].ToString());

 listBox5.Items.Add(rd["cus\_name"].ToString());

 comboBox5.Items.Add(rd["cus\_name"].ToString());

 //clbid3[i] = Convert.ToInt16(rd["cus\_id"].ToString());

 clbid4[i] = Convert.ToInt16(rd["cus\_id"].ToString());

 clbid5[i] = Convert.ToInt16(rd["cus\_id"].ToString());

 ccbid5[i] = Convert.ToInt16(rd["cus\_id"].ToString());

 i++;

 }

 con.Close();

 rd.Close();

 rd.Dispose();

 }

 private void showcontacts()

 {

 int i = 0;

 comboBox4.Items.Clear();

 comboBox4.Text = "";

 comboBox4.Items.Add("Privat");

 listBox6.Items.Clear();

 sql = "SELECT \* FROM contacts; ";

 //MessageBox.Show(sql);

 dbr();

 while (rd.Read())

 {

 //comboBox4.Items.Add(rd["con\_name"].ToString());

 //cocbid4[i] = Convert.ToInt16(rd["con\_id"].ToString());

 listBox6.Items.Add(rd["con\_name"].ToString());

 colbid6[i] = Convert.ToInt16(rd["con\_id"].ToString());

 i++;

 }

 con.Close();

 rd.Close();

 rd.Dispose();

 }

 private void showcb4contacts()

 {

 int i = 0;

 comboBox4.Items.Clear();

 comboBox4.Text = "";

 comboBox4.Items.Add("Privat");

 sql = "SELECT \* FROM contacts WHERE cus\_id = ";

 sql += clbid4[listBox4.SelectedIndex].ToString();

 sql += ";";

 MessageBox.Show(sql);

 dbr();

 while (rd.Read())

 {

 comboBox4.Items.Add(rd["con\_name"].ToString());

 cocbid4[i] = Convert.ToInt16(rd["con\_id"].ToString());

 //listBox6.Items.Add(rd["con\_name"].ToString());

 //colbid6[i] = Convert.ToInt16(rd["con\_id"].ToString());

 i++;

 }

 con.Close();

 rd.Close();

 rd.Dispose();

 }

 private void showsuppliers()

 {

 int i = 0;

 listBox3.Items.Clear();

 comboBox1.Items.Clear();

 comboBox1.Text = "";

 sql = "SELECT \* FROM suppliers;";

 //MessageBox.Show(sql);

 dbr();

 while (rd.Read())

 {

 listBox3.Items.Add(rd["sup\_name"].ToString());

 slbid3[i]=Convert.ToInt16(rd["sup\_id"].ToString());

 comboBox1.Items.Add(rd["sup\_name"].ToString());

 scbid1[i] = Convert.ToInt16(rd["sup\_id"].ToString());

 i++;

 }

 con.Close();

 rd.Close();

 rd.Dispose();

 }

 private void showproducts()

 {

 int i = 0;

 listBox7.Items.Clear();

 comboBox2.Items.Clear();

 comboBox2.Text = "";

 sql = "SELECT \* FROM products;";

 //MessageBox.Show(sql);

 dbr();

 while (rd.Read())

 {

 comboBox2.Items.Add(rd["pro\_name"].ToString());

 pcbid2[i] = Convert.ToInt16(rd["pro\_id"].ToString());

 listBox7.Items.Add(rd["pro\_name"].ToString());

 plbid7[i] = Convert.ToInt16(rd["pro\_id"].ToString());

 i++;

 }

 con.Close();

 rd.Close();

 rd.Dispose();

 }

 private void showsp()

 {

 int i = 0;

 listBox2.Items.Clear();

 comboBox3.Items.Clear();

 comboBox3.Text = "";

 sql = "SELECT \* FROM salespersons;";

 //MessageBox.Show(sql);

 dbr();

 while (rd.Read())

 {

 listBox2.Items.Add(rd["sp\_name"].ToString());

 comboBox3.Items.Add(rd["sp\_name"].ToString());

 splbid2[i] = Convert.ToInt16(rd["sp\_id"].ToString());

 spcbid3[i] = Convert.ToInt16(rd["sp\_id"].ToString());

 i++;

 }

 con.Close();

 rd.Close();

 rd.Dispose();

 }

 private void showorders()

 {

 comboBox6.Items.Clear();

 comboBox6.Text = "";

 sql = "SELECT \* FROM orders;";

 //MessageBox.Show(sql);

 dbr();

 while (rd.Read())

 {

 comboBox6.Items.Add(rd["ord\_id"].ToString());

 }

 con.Close();

 rd.Close();

 rd.Dispose();

 }

 private void tabPage1\_Click(object sender, EventArgs e)

 {

 }

 //customer methods

 private void button1\_Click(object sender, EventArgs e)

 {

 //insert customer

 sql = " INSERT INTO customers (";

 sql += " cus\_name, cus\_addr, cus\_zip, cus\_city,";

 sql += " cus\_phone, cus\_email)";

 sql += " VALUES ( '";

 sql += textBox15.Text; //name

 sql += " ','";

 sql += textBox17.Text; //addr

 sql += " ',";

 sql += textBox18.Text; //zip

 sql += " ,'";

 sql += textBox19.Text; //city

 sql += " ',";

 sql += textBox20.Text; //phone

 sql += " ,'";

 sql += textBox21.Text; //email

 sql += " ');";

 //MessageBox.Show(sql);

 dbw();

 textBox15.Text = "";

 textBox17.Text = "";

 textBox18.Text = "";

 textBox19.Text = "";

 textBox20.Text = "";

 textBox21.Text = "";

 showcustomers();

 }

 private void button2\_Click(object sender, EventArgs e)

 {

 //edit customer

 sql = " UPDATE customers ";

 sql += "SET cus\_name = '";

 //, cus\_addr, cus\_zip, cus\_city,";

 //sql += " cus\_phone, cus\_email)";

 //sql += " VALUES ( '";

 sql += textBox15.Text; //name

 sql += "', cus\_addr = '";

 sql += textBox17.Text; //addr

 sql += "', cus\_zip = ";

 sql += textBox18.Text; //zip

 sql += ", cus\_city = '";

 sql += textBox19.Text; //city

 sql += "', cus\_phone = ";

 sql += textBox20.Text; //phone

 sql += ", cus\_email = '";

 sql += textBox21.Text; //email

 sql += "' WHERE cus\_id = ";

 sql += clbid5[listBox5.SelectedIndex].ToString();

 sql += ";";

 //MessageBox.Show(sql);

 dbw();

 textBox15.Text = "";

 textBox17.Text = "";

 textBox18.Text = "";

 textBox19.Text = "";

 textBox20.Text = "";

 textBox21.Text = "";

 showcustomers();

 }

 private void button3\_Click(object sender, EventArgs e)

 {

 //delete customer

 sql = " DELETE FROM customers";

 sql += " WHERE cus\_id = ";

 sql += clbid5[listBox5.SelectedIndex].ToString();

 sql += ";";

 //MessageBox.Show(sql);

 dbw();

 textBox15.Text = "";

 textBox17.Text = "";

 textBox18.Text = "";

 textBox19.Text = "";

 textBox20.Text = "";

 textBox21.Text = "";

 showcustomers();

 }

 private void button4\_Click(object sender, EventArgs e)

 {

 //clear customer textboxes

 textBox15.Text = "";

 textBox17.Text = "";

 textBox18.Text = "";

 textBox19.Text = "";

 textBox20.Text = "";

 textBox21.Text = "";

 }

 private void listBox5\_SelectedIndexChanged(object sender, EventArgs e)

 {

 //select a custumer in customer part

 sql = " SELECT \* FROM customers WHERE cus\_id = ";

 sql += clbid5[listBox5.SelectedIndex].ToString();

 sql += ";";

 //MessageBox.Show(sql);

 dbr();

 while(rd.Read())

 {

 textBox15.Text=rd["cus\_name"].ToString();

 textBox17.Text=rd["cus\_addr"].ToString();

 textBox18.Text=rd["cus\_zip"].ToString();

 textBox19.Text=rd["cus\_city"].ToString();

 textBox20.Text=rd["cus\_phone"].ToString();

 textBox21.Text=rd["cus\_email"].ToString();

 }

 }

 private void listBox4\_SelectedIndexChanged(object sender, EventArgs e)

 {

 //select a customer frontpage

 sql = "SELECT \* FROM customers WHERE cus\_id = ";

 sql += clbid4[listBox4.SelectedIndex].ToString();

 sql += ";";

 //MessageBox.Show(sql);

 dbr();

 while(rd.Read())

 {

 cusid = Convert.ToInt16(rd["cus\_id"].ToString());

 textBox1.Text = rd["cus\_phone"].ToString();

 textBox2.Text = rd["cus\_name"].ToString();

 textBox3.Text = rd["cus\_addr"].ToString();

 textBox4.Text = rd["cus\_zip"].ToString();

 textBox5.Text = rd["cus\_city"].ToString();

 textBox6.Text = rd["cus\_email"].ToString();

 }

 con.Close();

 rd.Close();

 rd.Dispose();

 showcb4contacts(); // cb 4

 }

 private void textBox1\_TextChanged(object sender, EventArgs e)

 {

 }

 //contacts methods

 private void button20\_Click(object sender, EventArgs e)

 {

 //insert a contact

 sql = "INSERT INTO contacts (cus\_id, con\_name) VALUES (";

 sql += ccbid5[comboBox5.SelectedIndex].ToString();

 sql += ", '";

 sql += textBox7.Text;

 sql += "');";

 //MessageBox.Show(sql);

 dbw();

 comboBox5.Text = "";

 textBox7.Text = "";

 showcontacts();

 }

 private void button21\_Click(object sender, EventArgs e)

 {

 //edit a contact

 if (comboBox5.Text != "")

 {

 sql = "UPDATE contacts SET cus\_id =";

 sql += ccbid5[comboBox5.SelectedIndex].ToString();

 sql += ", con\_name = '";

 sql += textBox7.Text;

 sql += "' WHERE con\_id = ";

 sql += colbid6[listBox6.SelectedIndex].ToString();

 sql += ";";

 //MessageBox.Show(sql);

 dbw();

 comboBox5.Text = "";

 textBox7.Text = "";

 showcontacts();

 }

 else

 {

 MessageBox.Show("You must select a custoner first");

 }

 }

 private void button22\_Click(object sender, EventArgs e)

 {

 //delete a contact

 sql = "DELETE FROM contacts WHERE con\_id = ";

 sql += colbid6[listBox6.SelectedIndex].ToString();

 sql += " ;";

 //MessageBox.Show(sql);

 dbw();

 comboBox5.Text = "";

 textBox7.Text = "";

 showcontacts();

 }

 private void button23\_Click(object sender, EventArgs e)

 {

 //clear contact textboxes

 comboBox5.Text = "";

 comboBox5.Items.Clear();

 textBox7.Text="";

 }

 private void listBox6\_SelectedIndexChanged(object sender, EventArgs e)

 {

 //select a contact

 sql = " SELECT \* FROM contacts WHERE con\_id = ";

 sql += colbid6[listBox6.SelectedIndex].ToString();

 sql += ";";

 dbr();

 while(rd.Read())

 {

 textBox7.Text = rd["con\_name"].ToString();

 }

 }

 //supplier methods

 private void button5\_Click(object sender, EventArgs e)

 {

 //insert a supplier

 sql = " INSERT INTO suppliers (";

 sql += " sup\_name, sup\_addr, sup\_zip, sup\_city,";

 sql += " sup\_phone, sup\_email)";

 sql += " VALUES ( '";

 sql += textBox23.Text; //name

 sql += " ','";

 sql += textBox24.Text; //addr

 sql += " ',";

 sql += textBox25.Text; //zip

 sql += " ,'";

 sql += textBox26.Text; //city

 sql += " ',";

 sql += textBox27.Text; //phone

 sql += " ,'";

 sql += textBox28.Text; //email

 sql += " ');";

 MessageBox.Show(sql);

 dbw();

 textBox23.Text = "";

 textBox24.Text = "";

 textBox25.Text = "";

 textBox26.Text = "";

 textBox27.Text = "";

 textBox28.Text = "";

 showsuppliers();

 }

 private void listBox3\_SelectedIndexChanged(object sender, EventArgs e)

 {

 //select a supplier in supplier section

 sql = "SELECT \* FROM suppliers WHERE sup\_id = ";

 sql += slbid3[listBox3.SelectedIndex].ToString();

 sql += ";";

 dbr();

 while (rd.Read())

 {

 textBox23.Text = rd["sup\_name"].ToString();

 textBox24.Text = rd["sup\_addr"].ToString();

 textBox25.Text = rd["sup\_zip"].ToString();

 textBox26.Text = rd["sup\_city"].ToString();

 textBox27.Text = rd["sup\_phone"].ToString();

 textBox28.Text = rd["sup\_email"].ToString();

 }

 con.Close();

 rd.Close();

 rd.Dispose();

 }

 private void button6\_Click(object sender, EventArgs e)

 {

 //edit a supplier

 sql = "UPDATE suppliers SET sup\_name = '";

 sql += textBox23.Text;

 sql += "', sup\_addr = '";

 sql += textBox24.Text;

 sql += "', sup\_zip = ";

 sql += textBox25.Text;

 sql += ", sup\_city = '";

 sql += textBox26.Text;

 sql += "', sup\_phone = ";

 sql += textBox27.Text;

 sql += ", sup\_email = '";

 sql += textBox28.Text;

 sql += "' WHERE sup\_id = ";

 sql += slbid3[listBox3.SelectedIndex].ToString();

 sql += ";";

 MessageBox.Show(sql);

 dbw();

 listBox3.Items.Clear();

 textBox23.Text = "";

 textBox24.Text = "";

 textBox25.Text = "";

 textBox26.Text = "";

 textBox27.Text = "";

 textBox28.Text = "";

 showsuppliers();

 }

 private void button7\_Click(object sender, EventArgs e)

 {

 //delete a supplier

 sql = "DELETE FROM suppliers WHERE sup\_id = ";

 sql += slbid3[listBox3.SelectedIndex].ToString();

 sql += ";";

 MessageBox.Show(sql);

 dbw();

 listBox3.Items.Clear();

 textBox23.Text = "";

 textBox24.Text = "";

 textBox25.Text = "";

 textBox26.Text = "";

 textBox27.Text = "";

 textBox28.Text = "";

 showsuppliers();

 }

 private void button8\_Click(object sender, EventArgs e)

 {

 //clear supplier page

 textBox23.Text = "";

 textBox24.Text = "";

 textBox25.Text = "";

 textBox26.Text = "";

 textBox27.Text = "";

 textBox28.Text = "";

 }

 //product methods

 private void button9\_Click(object sender, EventArgs e)

 {

 //insert a product

 sql = " INSERT INTO products (sup\_id, pro\_name, ";

 sql += "pro\_price, pro\_description) VALUES (";

 sql += scbid1[comboBox1.SelectedIndex].ToString(); //sup\_id

 sql += " ,'";

 sql += textBox29.Text;//name

 sql += " ',";

 sql += textBox30.Text;//price

 sql += ",'";

 sql += textBox31.Text;//description

 sql += "');";

 dbw();

 textBox29.Text="";

 textBox30.Text="";

 textBox31.Text="";

 showproducts();

 }

 private void listBox7\_SelectedIndexChanged(object sender, EventArgs e)

 {

 //select a product

 sql = "SELECT \* FROM products WHERE pro\_id = ";

 sql += plbid7[listBox7.SelectedIndex].ToString();

 sql += ";";

 dbr();

 while (rd.Read())

 {

 textBox29.Text = rd["pro\_name"].ToString();

 textBox30.Text = rd["pro\_price"].ToString();

 textBox31.Text = rd["pro\_description"].ToString();

 }

 con.Close();

 rd.Close();

 rd.Dispose();

 }

 private void button10\_Click(object sender, EventArgs e)

 {

 //edit a product

 sql = "UPDATE products set pro\_name = '";

 sql += textBox29.Text;

 sql += "', pro\_price = ";

 sql += textBox30.Text;

 sql += ", pro\_description = '";

 sql += textBox31.Text;

 sql += "' WHERE pro\_id = ";

 sql += plbid7[listBox7.SelectedIndex].ToString();

 sql += ";";

 dbw();

 textBox29.Text="";

 textBox30.Text="";

 textBox31.Text="";

 showproducts();

 }

 private void button11\_Click(object sender, EventArgs e)

 {

 //delete a product

 sql = "DELETE FROM products WHERE pro\_id = ";

 sql += plbid7[listBox7.SelectedIndex].ToString();

 sql += ";";

 dbw();

 textBox29.Text="";

 textBox30.Text="";

 textBox31.Text="";

 showproducts();

 }

 private void button12\_Click(object sender, EventArgs e)

 {

 //clear product textboxes

 comboBox1.Text = "";

 textBox29.Text = "";

 textBox30.Text = "";

 textBox31.Text = "";

 }

 //salepersons methods

 private void button16\_Click(object sender, EventArgs e)

 {

 //insert salesperson

 sql = " INSERT INTO salespersons (sp\_name) VALUES ('";

 sql += textBox34.Text;

 sql += "');";

 dbw();

 textBox34.Text = "";

 showsp();

 }

 private void button17\_Click(object sender, EventArgs e)

 {

 //edit salesperson

 if (textBox34.Text != "")

 {

 sql = "UPDATE salespersons set sp\_name = '";

 sql += textBox34.Text;

 sql += "' WHERE sp\_id = ";

 sql += splbid2[listBox2.SelectedIndex].ToString();

 sql += ";";

 //MessageBox.Show(sql);

 dbw();

 textBox34.Text = "";

 showsp();

 }

 else

 MessageBox.Show("select a salesperson");

 }

 private void button18\_Click(object sender, EventArgs e)

 {

 //delete salesperson

 if (textBox34.Text != "")

 {

 sql = "DELETE FROM salespersons ";

 sql += "WHERE sp\_id = ";

 sql += splbid2[listBox2.SelectedIndex].ToString();

 sql += ";";

 //MessageBox.Show(sql);

 dbw();

 textBox34.Text = "";

 showsp();

 }

 else

 MessageBox.Show("select a salesperson");

 }

 private void button19\_Click(object sender, EventArgs e)

 {

 //clear salesperson name

 textBox34.Text = "";

 }

 private void listBox2\_SelectedIndexChanged(object sender, EventArgs e)

 {

 // select a salesperson in salesperson section

 sql = "SELECT \* FROM salespersons WHERE sp\_id = ";

 sql += splbid2[listBox2.SelectedIndex].ToString();

 sql += ";";

 //MessageBox.Show(sql);

 dbr();

 while (rd.Read())

 {

 textBox34.Text = rd["sp\_name"].ToString();

 }

 con.Close();

 rd.Close();

 rd.Dispose();

 }

 //order - orderline methods

 private void button13\_Click(object sender, EventArgs e)

 {

 //new order

 if (neworderenable == true)

 {

 string stime;

 //int ispid=0;

 dttime = DateTime.Now;

 stime = dttime.ToShortTimeString();

 if (comboBox3.Text == "")

 MessageBox.Show("who is the salesperson");

 else

 if (((textBox1.Text != "") && (textBox2.Text != "")) || (comboBox4.Text == "Privat"))

 {

 sql = "INSERT INTO orders (ord\_date, ord\_time, con\_name, sp\_name, cus\_id, sp\_id) VALUES ('";

 sql += textBox33.Text;

 sql += "','";

 sql += stime;

 sql += "','";

 sql += comboBox4.Text;

 sql += "','";

 sql += comboBox3.Text;

 sql += "',";

 sql += cusid;

 sql += ",";

 sql += splbid2[comboBox3.SelectedIndex].ToString();

 sql += ");";

 //MessageBox.Show(sql);

 dbw();

 sql = "SELECT \* FROM orders ;";

 dbr();

 while (rd.Read())

 {

 lastorderid = Convert.ToInt16(rd["ord\_id"].ToString());

 }

 string str;

 int lid = lastorderid;

 str = string.Format(" Order no = {0,5} ", lid);

 if (comboBox4.Text == "Privat")

 str += "Privat";

 else

 str += textBox2.Text+" ordered by "+ comboBox4.Text;

 listBox1.Items.Add(str);

 con.Close();

 rd.Close();

 rd.Dispose();

 }

 else

 {

 MessageBox.Show("a customer has to be selected");

 }

 neworderenable = false;

 }

 }

 private void button14\_Click(object sender, EventArgs e)

 {

 if ((lastproid != 0)&&(neworderenable==false))

 {

 //enter a new orderline

 sql = "INSERT INTO orderlines (ord\_id, cus\_id, pro\_id, orl\_quantity)";

 sql += " VALUES (";

 sql += lastorderid.ToString(); //orderid

 sql += ", ";

 sql += cusid; //customerid

 sql += ", ";

 sql += lastproid.ToString();

 sql += ", ";

 sql += textBox32.Text;

 sql += ");";

 //MessageBox.Show(sql);

 dbw();

 string str;

 str = textBox32.Text + " ea " + comboBox2.Text + " = ";

 str += Convert.ToInt16(textBox32.Text) \* lastproprice;

 listBox1.Items.Add(str);

 textBox32.Text = "";

 comboBox2.Text = "";

 }

 else

 MessageBox.Show("you have to create a new order");

 }

 private void comboBox2\_SelectedIndexChanged(object sender, EventArgs e)

 {

 //Select a Product frontpage

 sql = "SELECT \* FROM products WHERE pro\_id = ";

 sql += pcbid2[comboBox2.SelectedIndex].ToString();

 sql += ";";

 dbr();

 while (rd.Read())

 {

 comboBox2.Text = rd["pro\_name"].ToString();

 lastproid = Convert.ToInt16(rd["pro\_id"].ToString());

 lastproprice = Convert.ToInt16(rd["pro\_price"].ToString());

 }

 }

 private void comboBox3\_SelectedIndexChanged(object sender, EventArgs e)

 {

 //Select salesperson frontpage

 }

 private void button15\_Click(object sender, EventArgs e)

 {

 listBox1.Items.Clear();

 lastproid = 0;

 textBox32.Text = "";

 comboBox2.Text = "";

 neworderenable = true;

 showorders();

 }

 private void comboBox4\_SelectedIndexChanged(object sender, EventArgs e)

 {

 if (comboBox4.Text == "Privat")

 cusid = 0;

 }

 private void button24\_Click(object sender, EventArgs e)

 {

 // Bill

 string str="";

 string conname="";

 string spname="";

 string proname="";

 int cusid=0, sapid=0, proid=0, proprice=0, orlquantity=0;

 listBox8.Items.Clear();

 if (comboBox6.Text != "")

 {

 total = 0;

 str = "Order no "+ comboBox6.Text+" ";

 sql = "SELECT \* FROM orders WHERE ord\_id = ";

 sql += comboBox6.Text;

 sql += ";";

 //MessageBox.Show(sql);

 dbr();

 while (rd.Read())

 {

 str += rd["ord\_date"].ToString();

 str += " ";

 str += rd["ord\_time"].ToString();

 cusid = Convert.ToInt16(rd["cus\_id"].ToString());

 sapid = Convert.ToInt16(rd["sp\_id"].ToString());

 conname = rd["con\_name"].ToString();

 spname = rd["sp\_name"].ToString();

 }

 con.Close();

 rd.Close();

 rd.Dispose();

 listBox8.Items.Add(str);

 listBox8.Items.Add(" ");

 //MessageBox.Show("cusid = " + cusid);

 if (cusid != 0)

 {

 sql = "SELECT \* FROM customers WHERE cus\_id = " + cusid + ";";

 //MessageBox.Show(sql);

 dbr();

 while (rd.Read())

 {

 listBox8.Items.Add(rd["cus\_name"].ToString());

 listBox8.Items.Add(rd["cus\_addr"].ToString());

 listBox8.Items.Add(rd["cus\_zip"].ToString());

 listBox8.Items.Add(rd["cus\_city"].ToString());

 listBox8.Items.Add("ATT : " + conname);

 listBox8.Items.Add("sold by : " + spname);

 listBox8.Items.Add(" ");

 listBox8.Items.Add(" ");

 listBox8.Items.Add(" ");

 }

 }

 else

 {

 listBox8.Items.Add("Sale to a private");

 listBox8.Items.Add("sold by : " + spname);

 listBox8.Items.Add(" ");

 listBox8.Items.Add(" ");

 listBox8.Items.Add(" ");

 }

 //MessageBox.Show("hertil");

 sql ="SELECT \* FROM orderlines WHERE ord\_id = ";

 sql += comboBox6.Text;

 sql += ";";

 dbr();

 while (rd.Read())

 {

 proid = Convert.ToInt16(rd["pro\_id"].ToString());

 orlquantity = Convert.ToInt16(rd["orl\_quantity"].ToString());

 sql1 = "SELECT \* FROM products WHERE pro\_id = " + proid + ";";

 dbr1();

 while (rd1.Read())

 {

 proname = rd1["pro\_name"].ToString();

 proprice = Convert.ToInt16(rd1["pro\_price"].ToString());

 }

 con1.Close();

 rd1.Close();

 rd1.Dispose();

 str = string.Format(" {0,3} ",orlquantity.ToString());

 str += string.Format("{0,20}",proname);

 str += string.Format("a price {0,5}",proprice);

 str += string.Format("{0,10}",orlquantity \* proprice);

 //str += proname+" a "+proprice+" = "+orlquantity\*proprice;

 total+=orlquantity\*proprice;

 listBox8.Items.Add(str);

 }

 con.Close();

 rd.Close();

 rd.Dispose();

 /\*

 sql = "SELECT orderlines.pro\_id, orderlines.orl\_quantity, ";

 sql += "products.pro\_name, products.pro\_price FROM orderlines, products ";

 sql += "WHERE orderlines.ord\_id = " + comboBox6.Text;

 sql += " AND products.pro\_id = orderlines.pro\_id;";

 sql = "SELECT orderlines.pro\_id, orderlines.orl\_quantity, ";

 sql += "products.pro\_name, products.pro\_price FROM orderlines ";

 sql += "INNER JOIN products ON products.pro\_id = orderlines.pro\_id ";

 sql += "WHERE orderlines.ord\_id = " + comboBox6.Text+" ;";

 MessageBox.Show(sql);

 dbr();

 while (rd.Read())

 {

 proid = Convert.ToInt16(rd["orderlines.pro\_id"].ToString());

 orlquantity = Convert.ToInt16(rd["orderlines.orl\_quantity"].ToString());

 proname = rd1["products.pro\_name"].ToString();

 proprice = Convert.ToInt16(rd1["products.pro\_price"].ToString());

 }

 con.Close();

 rd.Close();

 rd.Dispose();

 str = string.Format(" {0,3} ", orlquantity.ToString());

 str += string.Format("{0,20}", proname);

 str += string.Format("a price {0,5}", proprice);

 str += string.Format("{0,10}", orlquantity \* proprice);

 //str += proname+" a "+proprice+" = "+orlquantity\*proprice;

 total += orlquantity \* proprice;

 listBox8.Items.Add(str);

 \*/

 listBox8.Items.Add(" ");

 listBox8.Items.Add(" ");

 listBox8.Items.Add(string.Format(" {0,40} {1,6}","totalprice : =",total));

 }

 else

 {

 MessageBox.Show("please select a order");

 }

 }

 private void tabControl1\_SelectedIndexChanged(object sender, EventArgs e)

 {

 }

 private void button25\_Click(object sender, EventArgs e)

 {

 //printbutton

 count = listBox8.Items.Count;

 StreamWriter sw = new StreamWriter("data.txt", true);

 for (int a = 0; a < count; a++)

 {

 listBox8.SelectedIndex = a;

 sw.WriteLine(listBox8.SelectedItem.ToString());

 }

 sw.Close();

 listBox1.Items.Clear();

 //print the file to the standard printer

 streamToPrint = new StreamReader("data.txt", System.Text.ASCIIEncoding.Default);

 //printFont = new Font("Time New Roman",12);

 printFont = new Font("Courier New", 12);

 PrintDocument pd = new PrintDocument();

 pd.PrintPage += new PrintPageEventHandler(this.pd\_PrintPage);

 pd.Print();

 streamToPrint.Close();

 }

 private void pd\_PrintPage(Object sender, PrintPageEventArgs e)

 {

 // Create the variables, that the print method uses

 float linesPerPage = 0;

 float yPos = 0;

 int count = 0;

 float leftMargin = e.MarginBounds.Left;

 float topMargin = e.MarginBounds.Top;

 string line = null;

 // Count the number of lines

 linesPerPage = e.MarginBounds.Height / printFont.GetHeight(e.Graphics);

 // prints the file line by line

 while (count < linesPerPage && ((line = streamToPrint.ReadLine()) != null))

 {

 yPos = topMargin + (count \* printFont.GetHeight(e.Graphics));

 e.Graphics.DrawString(line, printFont, Brushes.Black, leftMargin, yPos, new StringFormat());

 count++;

 }

 // if more lines than one page, prints another page

 if (line != null)

 e.HasMorePages = true;

 else

 e.HasMorePages = false;

 }

 }

}