

**VISUAL PROGRAMMING**

**Program:** Software Engineering

**Class:** BSE-5

**Course Title:** Visual Programming

**Submitted To:** Adeel M. Syed

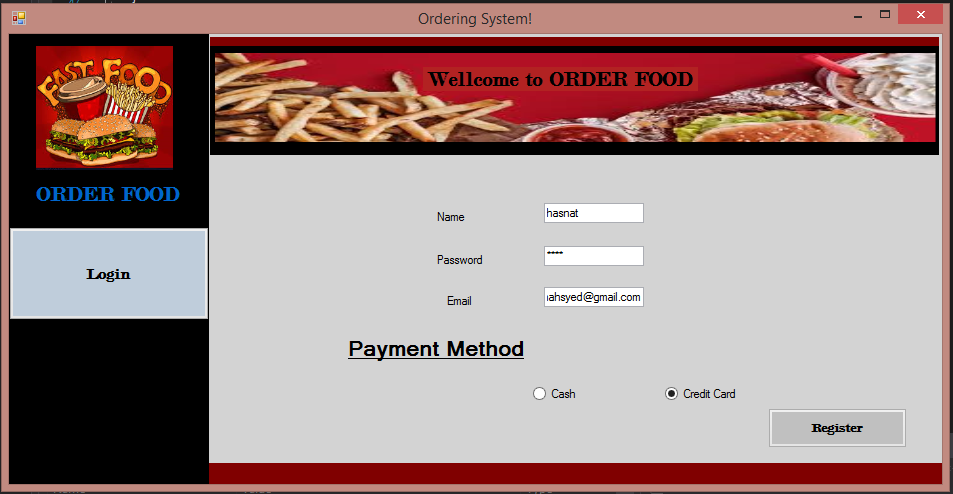
**Submitted By:** Syed Hasnat Ali Shah

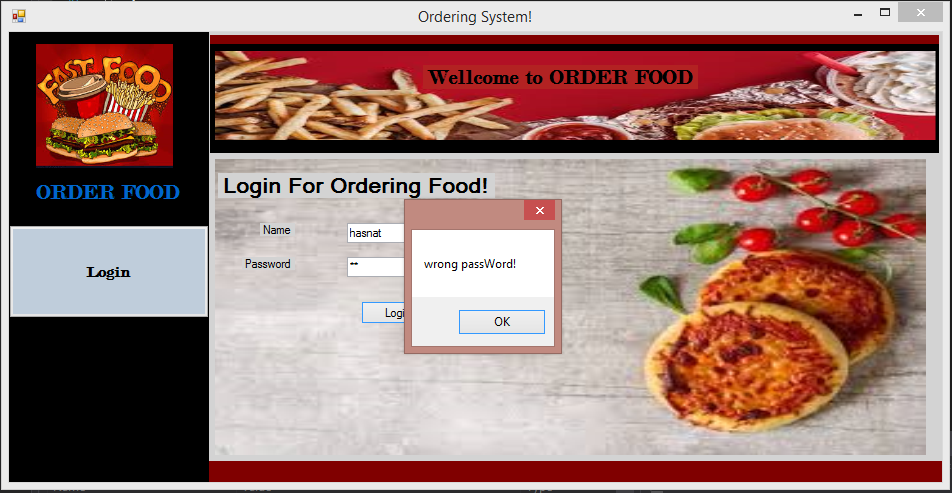
**Enrollment No:** 01-131162-029

**BAHRIA UNIVERSITY ISLAMABAD CAMPUS**

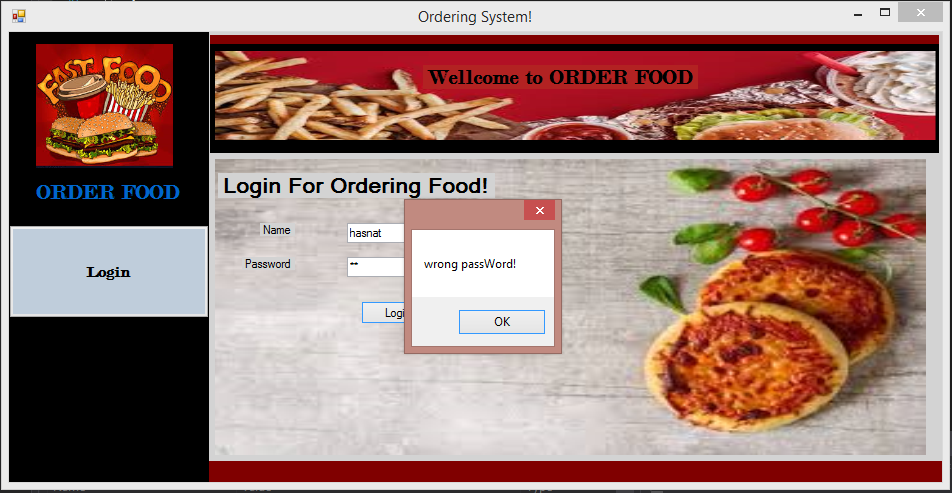
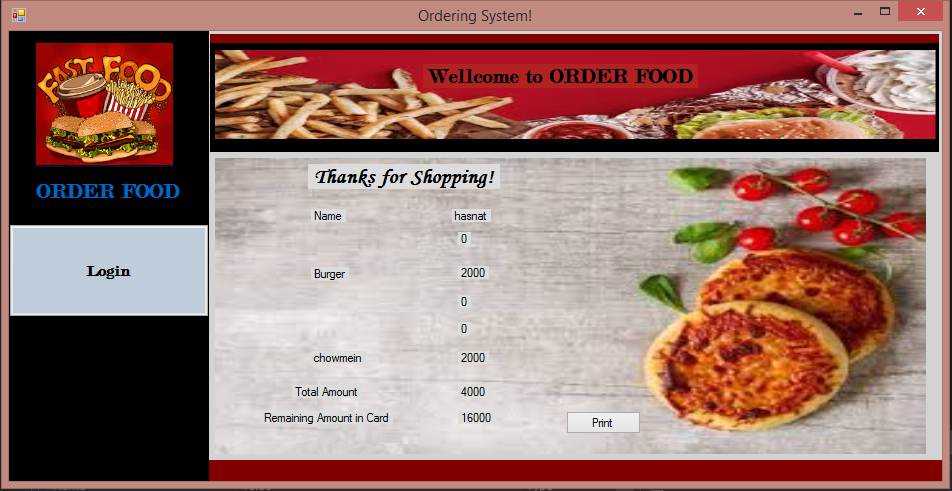
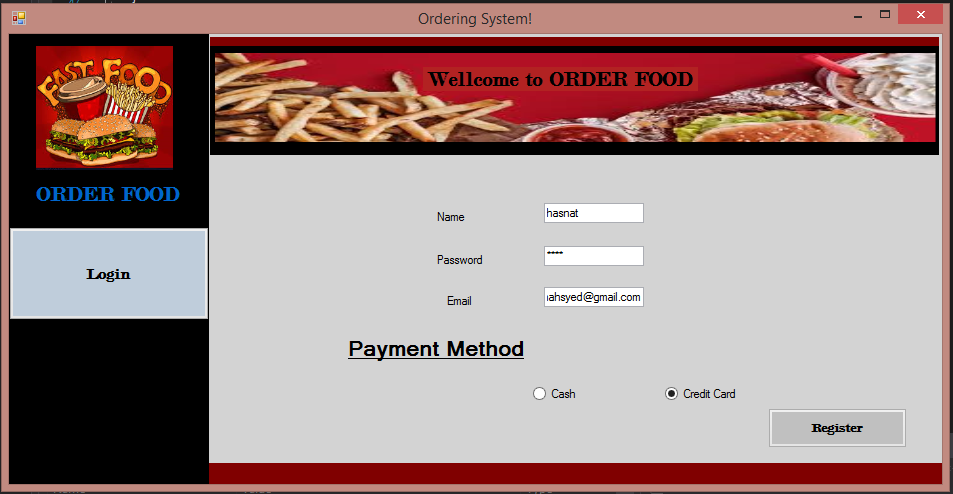
# **Assignment#02**

## Output:-









# Source Code:-

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

using order2;

namespace order2

{

public class setLogin

{

public void loggingin(string a,string b)

{

string logname = a;

string logpass = b;

}

}

public class setOrder

{

public void ordering()

{

}

}

public class setCredit

{

public void checkingCredit(string a, string b, string c, string d)

{

string creditname = a;

string creditbank = b;

string creditumber = c;

int credit = int.Parse(d);

}

}

public class setPayment

{

public int displayPayment(int a,int b)

{

int m = a - b;

return m;

}

}

public class setRegistration

{

public void registering(string a, string b, string c)

{

string name = a;

string password = b;

string email = c;

}

}

}

public class facade

{

private readonly setLogin logins;

private readonly setOrder orders;

private readonly setCredit credits;

private readonly setPayment payments;

private readonly setRegistration registers;

public facade()

{

logins = new setLogin();

orders = new setOrder();

credits = new setCredit ();

payments = new setPayment ();

registers = new setRegistration();

}

public void registeringfacade(string a,string b,string c)

{

registers.registering( a, b, c);

}

public void logginginfacade(string a,string b)

{

logins.loggingin(a,b);

}

public void orderingFacade ()

{

orders.ordering();

}

public int PaymentFacade(int a,int b)

{

return payments.displayPayment(a,b);

}

public void creditFacade(string a,string b,string c,string d)

{

credits.checkingCredit(a,b,c,d);

}

}

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 order2

{

public partial class Form1 : Form

{

public static string name = "hasnat";

public static string password = "1234";

public Form1()

{

InitializeComponent();

}

private void registerbutton2\_Click(object sender, EventArgs e)

{

facade f = new facade();

f.registeringfacade(textBox1.Text, textBox2.Text, textBox3.Text);

// name = textBox1.Text;

// password = textBox2.Text;

// string email = textBox3.Text;

// if (name != "" && password != "")

// {

if (textBox1.Text != "" && textBox2.Text != "")

{

if (creditcardradioButton2.Checked)

{

panel5.Controls.Add(creditcard.Instance);

creditcard.Instance.Dock = DockStyle.Fill;

creditcard.Instance.BringToFront();

}

else

{

panel5.Controls.Add(food.Instance);

food.Instance.Dock = DockStyle.Fill;

food.Instance.BringToFront();

}

}

else

{

MessageBox.Show("check name and Password");

}

private void loginbutton1\_Click\_1(object sender, EventArgs e)

{

panel5.Controls.Add(login.Instance);

login.Instance.Dock = DockStyle.Fill;

login.Instance.BringToFront();

}

}

}

using System;

using System.Collections.Generic;

using System.ComponentModel;

using System.Drawing;

using System.Data;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

using System.Windows.Forms;

namespace order2

{

public partial class food : UserControl

{

public static int totalp = 0;

public static int total = 0;

public static int totals = 0;

public static int totalb = 0;

public static int totalr = 0;

public static int totalc = 0;

public static string p = "";

public static string b = "";

public static string soup = "";

public static string r = "";

public static string c = "";

private static food instance;

public static food Instance

{

get

{

if (instance == null)

instance = new food();

return instance;

}

}

public food()

{

InitializeComponent();

}

private void orderbutton1\_Click(object sender, EventArgs e)

{

Controls.Add(payment.Instance);

payment.Instance.Dock = DockStyle.Fill;

payment.Instance.BringToFront();

}

private void addchowmeinbutton1\_Click(object sender, EventArgs e)

{

totalc = 1000;

totalc \*= int.Parse(textBox1.Text);

total += totalc;

c = "chowmein";

}

private void addburgerbutton2\_Click(object sender, EventArgs e)

{

totalb = 500;

totalb \*= int.Parse(textBox2.Text);

total += totalb;

b = "Burger";

}

private void addpizzabutton3\_Click(object sender, EventArgs e)

{

totalp = 1500;

totalp \*= int.Parse(textBox1.Text);

total += totalp;

p = "pizza";

}

private void addsoupbutton4\_Click(object sender, EventArgs e)

{

totals = 500;

totals \*= int.Parse(textBox3.Text);

total += totals;

soup = "SOUP";

}

}

}

using System;

using System.Collections.Generic;

using System.ComponentModel;

using System.Drawing;

using System.Data;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

using System.Windows.Forms;

namespace order2

{

public partial class food : UserControl

{

public static int totalp = 0;

public static int total = 0;

public static int totals = 0;

public static int totalb = 0;

public static int totalr = 0;

public static int totalc = 0;

public static string p = "";

public static string b = "";

public static string soup = "";

public static string r = "";

public static string c = "";

private static food instance;

public static food Instance

{

get

{

if (instance == null)

instance = new food();

return instance;

}

}

public food()

{

InitializeComponent();

}

private void orderbutton1\_Click(object sender, EventArgs e)

{

Controls.Add(payment.Instance);

payment.Instance.Dock = DockStyle.Fill;

payment.Instance.BringToFront();

}

private void addchowmeinbutton1\_Click(object sender, EventArgs e)

{

totalc = 1000;

totalc \*= int.Parse(textBox1.Text);

total += totalc;

c = "chowmein";

}

private void addburgerbutton2\_Click(object sender, EventArgs e)

{

totalb = 500;

totalb \*= int.Parse(textBox2.Text);

total += totalb;

b = "Burger";

}

private void addpizzabutton3\_Click(object sender, EventArgs e)

{

totalp = 1500;

totalp \*= int.Parse(textBox1.Text);

total += totalp;

p = "pizza";

}

private void addsoupbutton4\_Click(object sender, EventArgs e)

{

totals = 500;

totals \*= int.Parse(textBox3.Text);

total += totals;

soup = "SOUP";

}

}

}

using System;

using System.Collections.Generic;

using System.ComponentModel;

using System.Drawing;

using System.Data;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

using System.Windows.Forms;

namespace order2

{

public partial class payment : UserControl

{

private static payment instance;

public static payment Instance

{

get

{

if (instance == null)

instance = new payment();

return instance;

}

}

public payment()

{

InitializeComponent();

}

private void printbutton1\_Click(object sender, EventArgs e)

{

try

{

Controls.Add(food.Instance);

food.Instance.Dock = DockStyle.Fill;

food.Instance.BringToFront();

}

catch(Exception r)

{

Application.Exit();

// Form1 l = new Form1();

//this.Hide();

//l.Show();

}

}

private void payment\_Load(object sender, EventArgs e)

{

namelabel16.Text = Form1.name;

pizzapricelabel6.Text = food.totalp.ToString();

burgerpricelabel7.Text = food.totalb.ToString();

souppricelabel8.Text = food.totals.ToString();

ricepricelabel9.Text = food.totalr.ToString();

chowmienlabel10.Text = food.totalc.ToString();

pizzalabel1.Text = food.p;

burgerlabel2.Text = food.b;

Souplabel3.Text = food.soup;

ricelabel4.Text = food.r;

chowmeinlabel5.Text = food.c;

sumtotallabel13.Text = food.total.ToString();

try

{

int tcredit = int.Parse(creditcard.credit);

int totalbill = food.total;

facade f4 = new facade();

int m;

m=f4.PaymentFacade(tcredit,totalbill);

if (m >= totalbill)

{

minuscardlabel14.Text = m.ToString();

creditcard.credit = m.ToString();

}

else

{

MessageBox.Show("your Credit card have not enough ammount");

}

}

catch (Exception x)

{

}

}

}

}

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

using order2;

namespace order2

{

public class setLogin

{

public void loggingin(string a,string b)

{

string logname = a;

string logpass = b;

}

}

public class setOrder

{

public void ordering()

{

}

}

public class setCredit

{

public void checkingCredit(string a, string b, string c, string d)

{

string creditname = a;

string creditbank = b;

string creditumber = c;

int credit = int.Parse(d);

}

}

public class setPayment

{

public int displayPayment(int a,int b)

{

int m = a - b;

return m;

}

}

public class setRegistration

{

public void registering(string a, string b, string c)

{

string name = a;

string password = b;

string email = c;

}

}

}

public class facade

{

private readonly setLogin logins;

private readonly setOrder orders;

private readonly setCredit credits;

private readonly setPayment payments;

private readonly setRegistration registers;

public facade()

{

logins = new setLogin();

orders = new setOrder();

credits = new setCredit ();

payments = new setPayment ();

registers = new setRegistration();

}

public void registeringfacade(string a,string b,string c)

{

registers.registering( a, b, c);

}

public void logginginfacade(string a,string b)

{

logins.loggingin(a,b);

}

public void orderingFacade ()

{

orders.ordering();

}

public int PaymentFacade(int a,int b)

{

return payments.displayPayment(a,b);

}

public void creditFacade(string a,string b,string c,string d)

{

credits.checkingCredit(a,b,c,d);

}

}

using System;

using System.Collections.Generic;

using System.ComponentModel;

using System.Drawing;

using System.Data;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

using System.Windows.Forms;

namespace order2

{

public partial class login : UserControl

{

private static login instance;

public static login Instance

{

get { if (instance == null)

instance = new login();

return instance;

}

}

public login()

{

InitializeComponent();

}

private void loginbutton1\_Click(object sender, EventArgs e)

{

facade f2 = new facade();

f2.logginginfacade(textBox1.Text, textBox2.Text);

// string n = textBox1.Text;

//string p = textBox2.Text;

if (textBox1.Text == Form1.name)

{

if (textBox2.Text == Form1.password)

{

Controls.Add(food.Instance);

food.Instance.Dock = DockStyle.Fill;

food.Instance.BringToFront();

}

else

{

MessageBox.Show("wrong passWord!");

}

}

else

{

MessageBox.Show("wrong user name!");

}

}

}

}

using System;

using System.Collections.Generic;

using System.ComponentModel;

using System.Drawing;

using System.Data;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

using System.Windows.Forms;

namespace order2

{

public partial class creditcard : UserControl

{

public static string credit = "";

public static string cardname ="";

public static string cardnumber = "";

public static string bankname = "";

public static string totalamount = "";

private static creditcard instance;

public static creditcard Instance

{

get

{

if (instance == null)

instance = new creditcard();

return instance;

}

}

public creditcard()

{

InitializeComponent();

}

private void backgroundWorker1\_DoWork(object sender, DoWorkEventArgs e)

{

}

private void creditcard\_Load(object sender, EventArgs e)

{

}

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

{

facade f3 = new facade();

f3.creditFacade(nametextBox1.Text,bankNametextBox2.Text, cardnumbertextBox4.Text,credittextBox3.Text);

// cardname = nametextBox1.Text;

// cardnumber = cardnumbertextBox4.Text;

// bankname = bankNametextBox2.Text;

totalamount = credittextBox3.Text;

credit = totalamount;

if (nametextBox1.Text != "" && cardnumbertextBox4.Text != "" && bankNametextBox2.Text != "" && totalamount != "")

{

// Form1 f = new Form1();

//this.Hide();

//f.Show();

Controls.Add(food.Instance);

food.Instance.Dock = DockStyle.Fill;

food.Instance.BringToFront();

}

else

{

MessageBox.Show("error check card details");

}

}

private void panel1\_Paint(object sender, PaintEventArgs e)

{

}

}

}

using System;

using System.Collections.Generic;

using System.ComponentModel;

using System.Drawing;

using System.Data;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

using System.Windows.Forms;

namespace order2

{

public partial class creditcard : UserControl

{

public static string credit = "";

public static string cardname ="";

public static string cardnumber = "";

public static string bankname = "";

public static string totalamount = "";

private static creditcard instance;

public static creditcard Instance

{

get

{

if (instance == null)

instance = new creditcard();

return instance;

}

}

public creditcard()

{

InitializeComponent();

}

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

{

facade f3 = new facade();

f3.creditFacade(nametextBox1.Text,bankNametextBox2.Text, cardnumbertextBox4.Text,credittextBox3.Text);

// cardname = nametextBox1.Text;

// cardnumber = cardnumbertextBox4.Text;

// bankname = bankNametextBox2.Text;

totalamount = credittextBox3.Text;

credit = totalamount;

if (nametextBox1.Text != "" && cardnumbertextBox4.Text != "" && bankNametextBox2.Text != "" && totalamount != "")

{

// Form1 f = new Form1();

//this.Hide();

//f.Show();

Controls.Add(food.Instance);

food.Instance.Dock = DockStyle.Fill;

food.Instance.BringToFront();

}

else

{

MessageBox.Show("error check card details");

}

}

private void panel1\_Paint(object sender, PaintEventArgs e)

{

}

}

}