Bahria University,

Karachi Campus



LAB EXPERIMENT NO.

03

LIST OF TASKS

|  |  |
| --- | --- |
| TASK NO | OBJECTIVE |
| 1 | **Create basic calculator application on Console Application that performs basic arithmetic operations like (add, subtract, multiply, divide ….)** |
| 2 | **Create Winform application that authenticate user with hardcoded username and password if user authenticated new form will be open that takes user information as an input and on button click all information will be displayed in dialog box.** |
|  |  |
|  |  |
|  |  |
|  |  |

Submitted On:

**06-04-2022**

**Task 1: Create basic calculator application on Console Application that performs basic arithmetic operations like (add, subtract, multiply, divide ….)**

**Solution:**

class Program {

static bool Menu() {

Console.Clear();

Console.WriteLine("Enter First Number");

double a = double.Parse(Console.ReadLine());

Console.WriteLine("Enter Second Number");

double b = double.Parse(Console.ReadLine());

Console.Clear();

Console.WriteLine("1)Addition\n2)Subtraction\n3)Multiplication\n4)Division\n5)Exit");

Console.Write("Choose:");

int c = int.Parse(Console.ReadLine());

switch (c) {

case 1:

Console.WriteLine("Result :" + (a + b));

Console.ReadLine();

return true;

case 2:

Console.WriteLine("Result :" + (a - b));

Console.ReadLine();

return true;

case 3:

Console.WriteLine("Result :" + (a \* b));

Console.ReadLine();

return true;

case 4:

Console.WriteLine("Result :" + (a / b));

Console.ReadLine();

return true;

case 5:

return false;

default:

return true; }}

static void Main(string[] args)

{

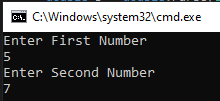
bool x = true;

while (x)

{

x = Menu(); } }}

**Output:**

 Text

Description automatically generated

Text

Description automatically generated Text

Description automatically generated

**Task 2: Create Winform application that authenticate user with hardcoded username and password if user authenticated new form will be open that takes user information as an input and on button click all information will be displayed in dialog box.**

**Solution:**

**Form 1:**

A screenshot of a computer

Description automatically generated with medium confidence

public partial class Form1 : Form {

public static string name;

public Form1() {

InitializeComponent(); }

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

private void label1\_Click(object sender, EventArgs e){}

private void label3\_Click(object sender, EventArgs e){}

private void textBox2\_TextChanged(object sender, EventArgs e){}

private void label2\_Click(object sender, EventArgs e){}

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

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

{

this.Hide();

name = textBox1.Text;

Form2 f2 = new Form2();

f2.Show();}}

private void Form1\_Load(object sender, EventArgs e){}}}

**Form 2:**

Graphical user interface, application

Description automatically generated{

public partial class Form2 : Form {

public static string name;

public static string reg;

public static string dep;

public Form2(){

InitializeComponent();}

private void label2\_Click(object sender, EventArgs e){}

private void labelb\_Click(object sender, EventArgs e){}

private void label5\_Click(object sender, EventArgs e){}

private void labela\_Click(object sender, EventArgs e){}

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

name = textBox1.Text;

reg = textBox2.Text;

dep = textBox3.Text;

this.Hide();

Form3 f3 = new Form3();

f3.Show();}

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

private void textBox2\_TextChanged(object sender, EventArgs e){}

private void textBox3\_TextChanged(object sender, EventArgs e){}

private void Form2\_Load(object sender, EventArgs e){}}}

**Form 3:**

A screenshot of a computer

Description automatically generated with medium confidence

public partial class Form3 : Form{

public Form3(){

InitializeComponent();}

private void label1c\_Click(object sender, EventArgs e){}

private void label1\_Click(object sender, EventArgs e){}

private void label3\_Click(object sender, EventArgs e){}

private void label1a\_Click(object sender, EventArgs e){}

private void label4\_Click(object sender, EventArgs e){}

private void label1b\_Click(object sender, EventArgs e){}

private void label5\_Click(object sender, EventArgs e){}

private void Form3\_Load(object sender, EventArgs e){}

label1a.Text = Form2.name;

label1b.Text = Form2.reg;

label1c.Text = Form2.dep;{}

**Output:**

Graphical user interface, application

Description automatically generated

081

Muaaz

Graphical user interface, text, application

Description automatically generated

081

Muaaz

Bahria University,

Karachi Campus

A picture containing text, room

Description automatically generated

LAB EXPERIMENT NO.

**04**

LIST OF TASKS

|  |  |
| --- | --- |
| TASK NO | OBJECTIVE |
| 1 | **Design Facebook login page using html, css and javascript -> the page takes username and password and with javascript alert message will be displayed.** |

Submitted On:

**06-04-2022**

**Task 1: Design Facebook login page using html, css and javascript -> the page takes username and password and with javascript alert message will be displayed.**

**Solution:**

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta http-equiv="X-UA-Compatible" content="IE=edge">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<link rel="stylesheet" href="Facebook.css">

<title>Facebook</title>

<style type="text/css">body{

background-color: #f0f2f5;

font-family: Arial, Helvetica, sans-serif;}

.form{

width: 400px;

height: 350px;

margin: 0 auto;

margin-top:150px ;

margin-left: 900px;

background-color: white;

padding: 15px;

border-radius: 6px;

box-shadow: 5px 5px 5px gainsboro;}

input{

width: 375px;

height:30px;

margin-top: 15px;

border-radius: 7.5px;

border: 1px solid gainsboro;

padding: 10px;

font-size: 15.5px;

float: right;

display: inline-block; }

input:hover{

border: 1px solid #1877f2;}

button{

width: 400px;

height:50px;

margin-top: 15px;

border-radius: 7.5px;

color: white;

font-size: large;

font-weight: bold;

background-color: #1877f2;

border: none;}

a{

text-decoration: none;

color:#18a4f7;

margin-left: 125px;}

input::placeholder{

color:#9094a9;}

hr{

border: 1px solid gainsboro;}

.btn{

width: 200px;

height:50px;

/\* margin-top: 15px; \*/

border-radius: 7.5px;

color: white;

font-size: large;

font-weight: bold;

background-color: #42b72a;

border: none;

margin-left: 100px;}

#fbimg{

width: 500px;

height: 300px;

margin-top:75px ;

margin-left:200px ;

float: left;

display: inline-block;

}

#fbtext{

font-size: 27.5px;

margin-top:-7.5px ;}

img{

margin-left:-35px;

width: 350px;

}</style>

</head>

<script type="text/javascript">

function btnclick() {

var username=document.getElementById("Txtuser").value;

alert("Welcome "+ username)}

</script>

<body>

<div id="fbimg">

<div class="img"><img src="images/fb.svg" alt="" id="fb"></div>

<p id="fbtext">Facebook helps you connect and share

with the people in your life. </p>

</div>

<div class="form">

<form>

<label><input type="text" id="Txtuser" placeholder="UserName"><br></label>

<label><input type="password" placeholder="Password"><br></label>

<button onclick="btnclick()" >Log In</button><br><br>

<a href="">Forgotten password?</a><br><hr><br>

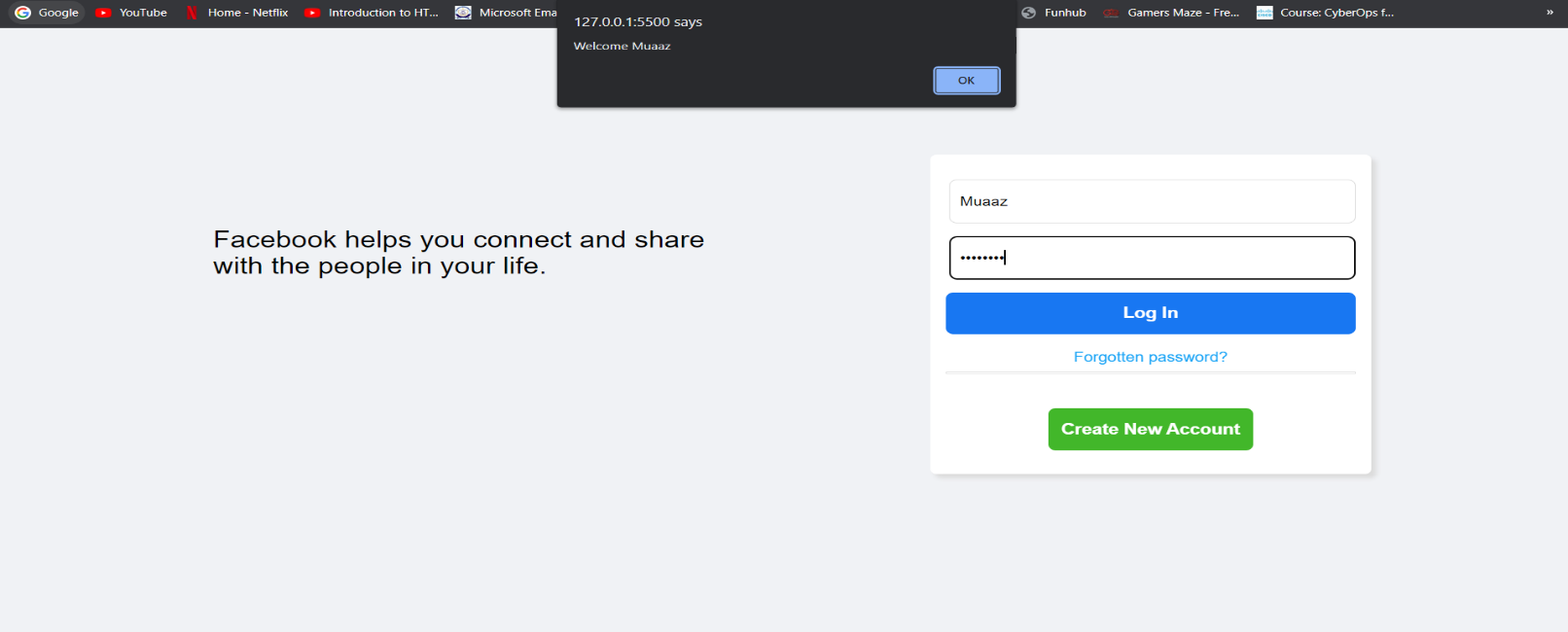
<button class="btn" >Create New Account</button><br>

</form>

</div>

</body>

</html>

**Output:**