File: e:\CBT\_2022\_Manual\Sep\_05\Ex\_1.cs

1: using System;

2:

3: namespace Ex\_1

4: {

5: class Program

6: {

7: static void Main(string[] args)

8: {

9: Console.Write("Program to check whether a character is

lower or upper case.\n");

10: Console.Write("----------------------------------\n");

11: Console.Write("Input a character: ");

12: char ch = (char)Console.Read();

13:

14: if (Char.IsUpper(ch))

15: {

16: Console.WriteLine("\nThe character is

uppercase.\n");

17: }

18: else if(Char.IsLower(ch))

19: {

20: Console.WriteLine("\nThe character is

lowercase.\n");

21: }

22: else

23: {

24: // User has entered a symbol or number etc.

//Example: 1,2, #, ?...

25: Console.WriteLine("\nThe charecter is not an

alphabet.\n");

26: }

27: Console.ReadKey();

28: }

29: }

30: }

31:

File: e:\CBT\_LabCode\CBT\_Lab\_N\Ex\_2\Program.cs

1: using System;

2:

3: namespace Ex\_2

4: {

5: class Program

6: {

7: static void Main(string[] args)

8: {

9: string vowels = "aeiouAIEOU";

10: string input\_str;

11:

12: Console.WriteLine("Program to check if charecter is

Vowel.");

13: Console.WriteLine("Enter a Single Character:");

14: // Reads input string

15: input\_str = Console.ReadLine();

16:

17: // Check if string has single charecter only

18: if (input\_str.Length == 1)

19: {

20: Console.WriteLine("Given Character is " +

input\_str);

21: // check if given charecter is present in

"aeiouAEIOU" string

22: if (vowels.Contains(input\_str))

23: Console.WriteLine(" Entered Character is

Vowel.");

24: else

25: Console.WriteLine(" Entered Charecter is not

vowel.");

26: }

27: else

28: Console.WriteLine("ERROR:Enter 1 charecter

only.");

29:

30: Console.WriteLine("Press any key...");

31: Console.ReadKey();

32: }

33: }

34: }

35:

File: e:\CBT\_LabCode\CBT\_Lab\_N\Ex\_3\Form1.cs

1: using System;

2: using System.Windows.Forms;

3:

4: namespace Ex\_3

5: {

6: public partial class Form1 : Form

7: {

8: public Form1()

9: {

10: InitializeComponent();

11: }

12:

13: double operand1,operand2;

14: string operation = string.Empty;

15: double memory, result = 0.0;

16:

17: private void NumEvent(object sender, EventArgs e)

18: {

19: Button btn = (Button)sender;

20: txt\_result.Text += btn.Text;

21: }

22:

23: private void OperatorsEvent(object sender, EventArgs e)

24: {

25: Button btn = (Button)sender;

26: operation = btn.Text;

27:

28: if (txt\_result.Text != "")

29: operand1 = double.Parse(txt\_result.Text);

30: else

31: operand1 = 0;

32:

33: txt\_result.Text = "";

34: }

35:

36: private void btn\_clear\_Click(object sender, EventArgs e)

37: {

38: txt\_result.Clear();

39: }

40:

41: private void btn\_memory\_Click(object sender, EventArgs e)

42: {

43: if(txt\_result.Text!="")

44: memory += double.Parse(txt\_result.Text);

45: }

46:

47: private void btn\_memory\_clear\_Click()

48: {

49: memory = 0;

50: }

51:

52: private void btn\_recall\_Click(object sender, EventArgs e)

53: {

54: txt\_result.Text = memory.ToString();

55: }

56:

57: private void btn\_result\_Click(object sender, EventArgs e)

58: {

59: if (txt\_result.Text != "")

60: operand2 = double.Parse(txt\_result.Text);

61: else

62: operand2 = 0;

63:

64: switch (operation)

65: {

66: case "+":

67: result = (operand1) + (operand2);

68: break;

69: case "-":

70: result = (operand1) - (operand2);

71: break;

72: case "\*":

73: result = (operand1) \* (operand2);

74: break;

75: case "/":

76: if (operand2 != 0)

77: result = (operand1) / (operand2);

78: else

79: {

80: MessageBox.Show("Cannot divide by

zero.","Error");

81: result = 0;

82: }

83: break;

84: default:

85: break;

86: }

87:

88: txt\_result.Text = result.ToString();

89: }

90: }

91: }

92:

File: e:\CBT\_LabCode\CBT\_Lab\_N\Ex\_4\Form1.cs

1: using System;

2: using System.Windows.Forms;

3:

4: namespace Ex\_4

5: {

6: public partial class Form1 : Form

7: {

8: public Form1()

9: {

10: InitializeComponent();

11: }

12: private void dateTimePicker1\_ValueChanged()

13: {

14:

15: DateTime dt = dateTimePicker1.Value;

16:

17: //Displays the day number

18: txt\_day.Text = dt.Day.ToString();

19:

20: // Displays the month number

21: txt\_month.Text = dt.Month.ToString();

22:

23: // Displays the year

24: txt\_year.Text = dt.Year.ToString();

25:

26: //Displays the day

27: txt\_dayname.Text = dt.ToString("dddd");

28:

29: //Displays the month name

30: txt\_monthname.Text = dt.ToString("MMMM");

31: }

32: }

33: }

34:

File: e:\CBT\_LabCode\CBT\_Lab\_N\Ex\_5\Form1.cs

1: using System;

2: using System.Windows.Forms;

3:

4: namespace Ex\_5

5: {

6: public partial class Form1 : Form

7: {

8: public Form1()

9: {

10: InitializeComponent();

11: }

12: private void fileListBox1\_SelectedIndexChanged()

13: {

14: txt\_foldername.Text = fileListBox1.Path;

15: txt\_foldername.Text = dirListBox1.Path;

16: txt\_filename.Text = (fileListBox1.FileName);

17: // Loads the image in picture box

18: pictureBox1.ImageLocation = dirListBox1.Path + "\\" +

fileListBox1.FileName;

19: }

20: private void driveListBox1\_SelectedIndexChanged()

21: {

22: dirListBox1.Path = driveListBox1.Drive;

23: }

24: private void dirListBox1\_SelectedIndexChanged()

25: {

26: fileListBox1.Path = dirListBox1.Path;

27: }

28: private void btn\_select\_folder\_Click()

29: {

30: folderBrowserDialog1.ShowDialog();

31: txt\_foldername.Text =

folderBrowserDialog1.SelectedPath;

32: }

33: private void btn\_select\_file\_Click()

34: {

35: openFileDialog1.ShowDialog();

36: txt\_filename.Text = openFileDialog1.FileName;

37: }

38: }

39: }

40:

File: e:\CBT\_LabCode\CBT\_Lab\_N\Ex\_6\Form1.cs

1: using System;

2: using System.Data;

3: using System.Data.SqlClient;

4: using System.Windows.Forms;

5:

6: namespace Ex\_6

7: {

8: public partial class Form1 : Form

9: {

10: public Form1()

11: {

12: InitializeComponent();

13: }

14:

15: SqlConnection con = new SqlConnection();

16: SqlCommand cmd = new SqlCommand();

17: string sql;

18:

19: private void btn\_save\_Click(object sender, EventArgs e)

20: {

21: con.ConnectionString = @"DataSource =

(LocalDB)\\MSSQLLocalDB;AttachDbFilename=" +

Application.StartupPath + @"\student\_db.mdf;Integrated Security=True";

22:

System.Diagnostics.Debug.WriteLine(con.ConnectionString);

23: con.Open();

24: sql = "insert into

student\_master(rollno,student\_name,dept\_name,address,mobileno)values(@rno,@stuname,@dept,@address,@mobileno)";

25: cmd = new SqlCommand(sql, con);

26: cmd.Parameters.Add("@rno", SqlDbType.Int).Value =

txt\_rno.Text;

27: cmd.Parameters.Add("@stuname",

SqlDbType.VarChar).Value = txt\_stuname.Text;

28: cmd.Parameters.Add("@dept", SqlDbType.VarChar).Value =

cmb\_deptname.SelectedItem.ToString();

29: cmd.Parameters.Add("@address",

SqlDbType.VarChar).Value = txt\_address.Text;

30: cmd.Parameters.Add("@mobileno",

SqlDbType.VarChar).Value = txt\_mobile.Text;

31:

32: int result = cmd.ExecuteNonQuery();

33:

34: if (result == 1)

35: MessageBox.Show("Student's Data Inserted.");

36: else

37: MessageBox.Show("Student's Data Not Inserted.");

38:

39: con.Close();

40: }

41: }

42: }

43:

File: e:\CBT\_LabCode\CBT\_Lab\_N\Ex\_7\Ex\_7\login.aspx.cs

1: using System;

2: using System.Web;

3: using System.Web.UI;

4: using System.Web.UI.WebControls;

5:

6: namespace Ex\_7

7: {

8: public partial class login : System.Web.UI.Page

9: {

10: protected void btn\_login\_Click(object sender, EventArgs e)

11: {

12: if (txtusername.Text == "")

13: lbl\_result.Text = "Enter UserName";

14: else if (txtpassword.Text == "")

15: lbl\_result.Text = "Enter Password";

16: else

17: {

18: // check whether given username and password is

//equal to “Computer” & “mspvl”

19:

20: if (txtusername.Text == "Computer" &&

txtpassword.Text == "mspvl")

21: lbl\_result.Text = "Login Success";

22: else

23: lbl\_result.Text = "Invalid Name or Password";

24: }

25: }

26: }

27: }

28: