

## Lecture # 12:

### Objective:

- Date Time Picker

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The screenshot shows a Windows application window titled "DateTime Picker Example". The window contains a date picker interface. At the top, a text box displays "Monday . April 14, 2014" with a calendar icon on the right. Below this are three buttons: "Show Date", "Show Time", and "Break Apart". Underneath are four input fields: "Day" (Monday), "Month" (4), "Date", and "Year" (2014). There are two additional sections: "Add Months" with an input field containing "4" and a "Show New Date" button, and "DOB" with a date picker showing "Thursday . March 3, 1988" and a "Calculate Age" button. At the bottom, there are two output fields: "8/14/2014" and "9538.00678894117".

```
using System;
using System.Collections.Generic;
using System.ComponentModel;
using System.Data;
using System.Drawing;
using System.Linq;
using System.Text;
using System.Windows.Forms;

namespace COMBOBOX
{
    public partial class dateTimePickerExample : Form
    {
        public dateTimePickerExample()
        {
            InitializeComponent();
        }

        private void btnDate_Click(object sender, EventArgs e)
```

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```
{
    MessageBox.Show(dateTimePicker1.Value.ToShortDateString());
}

private void btnTime_Click(object sender, EventArgs e)
{
    MessageBox.Show(dateTimePicker1.Value.ToShortTimeString());
}

private void btnBreak_Click(object sender, EventArgs e)
{
    txtDay.Text = dateTimePicker1.Value.DayOfWeek.ToString();
    txtYear.Text = dateTimePicker1.Value.Year.ToString();
    txtMonth.Text = dateTimePicker1.Value.Month.ToString();
}

private void button1_Click(object sender, EventArgs e)
{
    txtAge.Text = dateTimePicker1.Value.Subtract(dateTimePicker2.Value).TotalDays.ToString();
}

private void btnShowNew_Click(object sender, EventArgs e)
{
    txt.Text =
dateTimePicker1.Value.AddMonths(int.Parse(txtAddMonths.Text)).ToShortDateString();
}
}
```