

Internet Application Development

Lab 06A

Dated: Tuesday, 11th April 2025

Registration No: _____

Full Name: _____

Problem 1) Implement a simple program that uses viewstate to store and retrieve counter value. Whenever Increment button is clicked counter should be incremented by 2? Write code behind below?

If this page is accessed using different browser windows, or from more than one clients, whether the counter value would be same, or it would be different at different time instants? Give reason for the observation?

Problem 2) Extend the program implemented above and make the View State secure? Refer to the textbook for the technique of securing?

Problem 3) Consider the following definition of customer class. Develop a web form that stores three objects of customer in viewstate. Implement the code for retrieving customer objects also?

```
Public Class Customer
    private _firstName As String
    Public Property FirstName() As String
        Get
            Return _firstName
        End Get
        Set(ByVal Value As String)
            _firstName = Value
        End Set
    End Property

    private _lastName As String
    Public Property LastName() As String
        Get
            Return _lastName
        End Get
        Set(ByVal Value As String)
            _lastName = Value
        End Set
    End Property

    Public Sub New(ByVal firstName As String, ByVal lastName As String)
        Me.FirstName = firstName
        Me.LastName = lastName
    End Sub
End Class
```