

## Insert, Update, Delete, Display and Search using add parameter

### Table structure

studio

Column Name	Data Type	Allow Nulls
Book_id	int	<input type="checkbox"/>
Book_name	varchar(50)	<input checked="" type="checkbox"/>
Category	varchar(50)	<input checked="" type="checkbox"/>
Price	numeric(18, 0)	<input checked="" type="checkbox"/>
Auther	varchar(50)	<input checked="" type="checkbox"/>
		<input type="checkbox"/>

### Default.aspx

Book id

Book name

Category

Price

Auther name

Book_id	Book_name	Category	Price	Auther
1	ansi c	computer	350	balagurusami
3	soft skill	english	450	pqr
4	c++	computer	315	balagurusami

### Default.aspx.vb

Imports System.Data.SqlClient

Partial Class \_Default

Inherits System.Web.UI.Page

```
Dim con As New SqlConnection("Data
Source=.\SQLEXPRESS;AttachDbFilename=D:\Brijal\crud_operation\App_Data\Library.mdf;I
ntegrated Security=True;User Instance=True")
```

```
Protected Sub disp_grid_data()
    Dim str As String = "select * from tbl_book"
    Dim cmd As New SqlCommand(str, con)
    Dim adp As New SqlDataAdapter(cmd)
    Dim ds As New Data.DataSet
    adp.Fill(ds)
    GridView1.DataSource = ds.Tables(0)
    Me.DataBind()
End Sub
```

```
Protected Sub btn_insert_Click(ByVal sender As Object, ByVal e As System.EventArgs)
Handles btn_insert.Click
```

```
    Dim str As String = "insert into tbl_book values(@bid, @bname, @bcat, @bprice,
@bauth)"
```

```
    Dim cmd As New SqlCommand(str, con)
    cmd.Parameters.AddWithValue("@bid", CInt(txt_bid.Text))
    cmd.Parameters.AddWithValue("@bname", txt_bname.Text)
    cmd.Parameters.AddWithValue("@bcat", txt_category.Text)
    cmd.Parameters.AddWithValue("@bprice", CDec(txt_price.Text))
    cmd.Parameters.AddWithValue("@bauth", txt_auth_name.Text)
    con.Open()
    cmd.ExecuteNonQuery()
    con.Close()
    MsgBox("Data inserted successfully.")
    disp_grid_data()
End Sub
```

```
Protected Sub Page_Load(ByVal sender As Object, ByVal e As System.EventArgs) Handles
Me.Load
```

```
    disp_grid_data()
End Sub
```

```
Protected Sub btn_del_Click(ByVal sender As Object, ByVal e As System.EventArgs)
Handles btn_del.Click
```

```
    Dim str As String = "delete from tbl_book where Book_id=@bid"
    Dim cmd As New SqlCommand(str, con)
    cmd.Parameters.AddWithValue("@bid", txt_bid.Text)
    con.Open()
    cmd.ExecuteNonQuery()
    con.Close()
    MsgBox("Data deleted")
    disp_grid_data()
```

End Sub

```
Protected Sub btn_update_Click(ByVal sender As Object, ByVal e As System.EventArgs)
Handles btn_update.Click
    Dim str As String = "update tbl_book set
book_name=@bname,Category=@bcat,Price=@bprice,Auther=@bauth where Book_id=@bid"
    Dim cmd As New SqlCommand(str, con)
    cmd.Parameters.AddWithValue("@bname", txt_bname.Text)
    cmd.Parameters.AddWithValue("@bcat", txt_category.Text)
    cmd.Parameters.AddWithValue("@bprice", CDec(txt_price.Text))
    cmd.Parameters.AddWithValue("@bauth", txt_auth_name.Text)
    cmd.Parameters.AddWithValue("@bid", CInt(txt_bid.Text))
    con.Open()
    cmd.ExecuteNonQuery()
    con.Close()
    MsgBox("data updated")
    disp_grid_data()
End Sub
```

```
Protected Sub btn_search_Click(ByVal sender As Object, ByVal e As System.EventArgs)
Handles btn_search.Click
    Dim str As String = "select * from tbl_book where Book_id=@bid"
    Dim cmd As New SqlCommand(str, con)
    cmd.Parameters.AddWithValue("@bid", txt_bid.Text)
    con.Open()
    Dim dr As SqlDataReader = cmd.ExecuteReader()
    dr.Read()
    txt_bname.Text = dr.Item(1).ToString
    txt_category.Text = dr.Item(2).ToString
    txt_price.Text = dr.Item(3).ToString
    txt_auth_name.Text = dr.Item(4).ToString

    con.Close()
    MsgBox("search data found")
    disp_grid_data()
End Sub
End Class
```