

→ Create a new Web page With the Name sample4.aspx  
Create a datalist control. goto source and Write the following code.

```
<div>
```

```
<asp:DataList ID="DataList1" runat="server">
```

```
<HeaderTemplate>
```

```
EmpID EName Designation DOJ Salary DeptNo Delete
```

```
</HeaderTemplate>
```

```
<ItemTemplate>
```

```
<asp:Label ID="lblEmpID" runat="server"
```

```
BorderWidth="2" Text='<%# Eval("EmpID") %>'
```

```
</asp:Label>
```

```
<%# Eval("EmpID") %>
```

```
<%# Eval("EName") %>
```

```
<%# Eval("Designation") %>
```

```
<%# Eval("DOJ") %>
```

```
<%# Eval("Salary") %>
```

```
<%# Eval("DeptNo") %>
```

```
<asp:Button ID="btnDelete" Text="Delete" runat="server"
```

```
</ItemTemplate>
```

```
</asp:DataList>
```

→ Go to .cs file and Write the following code.

```
using System.Data;
```

```
using System.Data.SqlClient;
```

```

SqlConnection con; Dataset DS;
SqlDataAdapter Da; SqlCommand Cmd;
Protected void Page_Load (object sender, EventArgs e)
{
    String sqlCon = " Server= ; user ID= ";
    con = new SqlConnection (sqlCon);
    if (!Page.IsPostBack)
        GetData();
}

```

```

Private void GetData()
{
    Da = new SqlDataAdapter ("select * from EmpDetails", con);
    DS = new DataSet();
    Da.Fill (DS, "Emp");
    Datalist1.DataSource = DS.Tables [0];
    Datalist1.DataBind();
}

```

→ Go to .aspx file switch to Design Select Datalist1  
Go to properties Window Go to Item Command Event  
double click Write the following code.

```

Protected void Datalist1 - Item Command (object source,
DataList CommandEventArgs e)
{
    Label L1 = (Label)e.Item.FindControl ("lbl EmpID");
    String query = "Delete empDetails Where empID=@P1";
    Cmd = new SqlCommand (query, con);
    Cmd.CommandType = CommandType.Text;
    Cmd.Parameters.Add With Value ("@P1", L1.Text);
}

```

```
con.Open();  
cmd.ExecuteNonQuery();  
con.Close();  
GetData();  
}
```

### \* Post Back Nature of the Webpage:-

→ When we are sending a request for any webpage for the first time. The request is known as first request of the page.

→ Once the page is displayed in the browser then if user clicks on any button within the page then the request for the same page is submitted back to the server. This request is known as Post Back request of the page.

→ To identify whether the page request is first request or postback request. We use `IsPostBack` property of the webpage. This property will return `True` if the request of the page is postback request and returns `false` if the request of the webpage is first request.

→ usually by using the data to control will be taken at first request of the page, not at Postback request of the page.



\* Example → to add a new record into the database table using datalist control.

EmpID	ENAME	Designation	DOJ	Salary	DeptNo	Add New
101	Raju	Developer	11/1/23	45000	10	
102	Gopal	DS E	2/2/23	60000	20	
103	Anand	TL	3/3/23	75000	30	
104	Vinay	HR	4/4/23	80000	40	
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="button" value="ADD"/>

↓ ↓ ↓ ↓ ↓ ↓ ↓

txtEmpID txtENAME txtDesignation txtDOJ txtSalary txtDeptNo btnADD

Datalist1 Sample4.aspx

→ Create a NEW Webpage design the Name Sample5.aspx  
 Create datalist control goto source Write the following code.

```
<asp:Datalist ID="Datalist1" runat="Server">
```

```
<Header Template>
```

```
EmpID ENAME Designation DOJ
```

```
Salary DeptNo Add New
```

```
</Header Template>
```

```
<Item Template>
```

```
<%# Eval("EmpID")%>
```

```
<%# Eval("ENAME")%>
```

```
<%# Eval("Designation")%>
```

<%# Eval ("DoJ") %>

<%# Eval ("Salary") %>

<%# Eval ("DeptNo") %>

</Item Template>

<Footer Template>

<asp: TextBox ID="txtEmpID" runat="Server"

Width="60" />

<asp: TextBox ID="txtEName" runat="Server" Width="60" />

<asp: TextBox ID="txtDesignation" runat="Server" Width="60" />

<asp: TextBox ID="txtDoJ" runat="Server" Width="60" />

<asp: TextBox ID="txtSalary" runat="Server" Width="60" />

<asp: TextBox ID="txtDeptNo" runat="Server"

</Footer Template>

</asp: DataList>

→ Goto .cs file Write the following code

using System.Data;

using System.Data.SqlClient;

SqlConnection con; DataSet da;

SqlDataAdapter da; SqlCommand cmd;

protected void Page\_Load (

{

String sqlCon = "Server = ; User ID = ;"

con = new SqlConnection (sqlCon);

if (!Page.IsPostBack)

Get Data ();

}

```
Private void GetData()
```

```
{
```

```
Da = new SqlDataAdapter("Select * from EmpDetails", (con)
```

```
DS = new DataSet();
```

```
Da.Fill(DS, "Emp");
```

```
Datalist1.DataSource = DS.Tables[0];
```

```
Datalist1.DataBind();
```

```
}
```

→ Goto .aspx file switch to Design select Datalist control Go to properties Window click on Events button double click on Item Command Event Write the following code.

```
Protected void Datalist1_ItemCommand(Object source,
```

```
EventArgs e) {
```

```
{
```

```
String EmpID, EName, Designation, DOJ, Salary, Deptno;
```

```
TextBox T1 = (TextBox) e.Item.FindControl("txtEmpID");
```

```
EmpID = T1.Text;
```

```
T1 = (TextBox) e.Item.FindControl("txtEName");
```

```
EName = T1.Text;
```

```
T1 = (TextBox) e.Item.FindControl("txtDesignation");
```

```
Designation = T1.Text;
```

```
T1 = (TextBox) e.Item.FindControl("txtDOJ");
```

```
DOJ = T1.Text;
```

```
T1 = (TextBox) e.Item.FindControl("txtSalary");
```

```
Salary = T1.Text;
```



T1 = (TextBox) e. Item; find Control ("txtDeptNo");

DeptNo = T1.Text;

string query = "Insert into EmpDetails Values (@P1, @P2,  
@P3, @P4, @P5, @P6)";

cmd = new SqlCommand (query, con);

cmd.CommandType = CommandType.Text;

cmd.Parameters.AddWith Value ("@P1", EmpID);

" " ("@P2", EName);

" " ("@P3", Designation);

"@P4", DOJ);

" " ("@P5", Salary);

" " ("@P6", DeptNo);

con.Open();

cmd.ExecuteNonQuery();

con.Close();

Get Data();

}