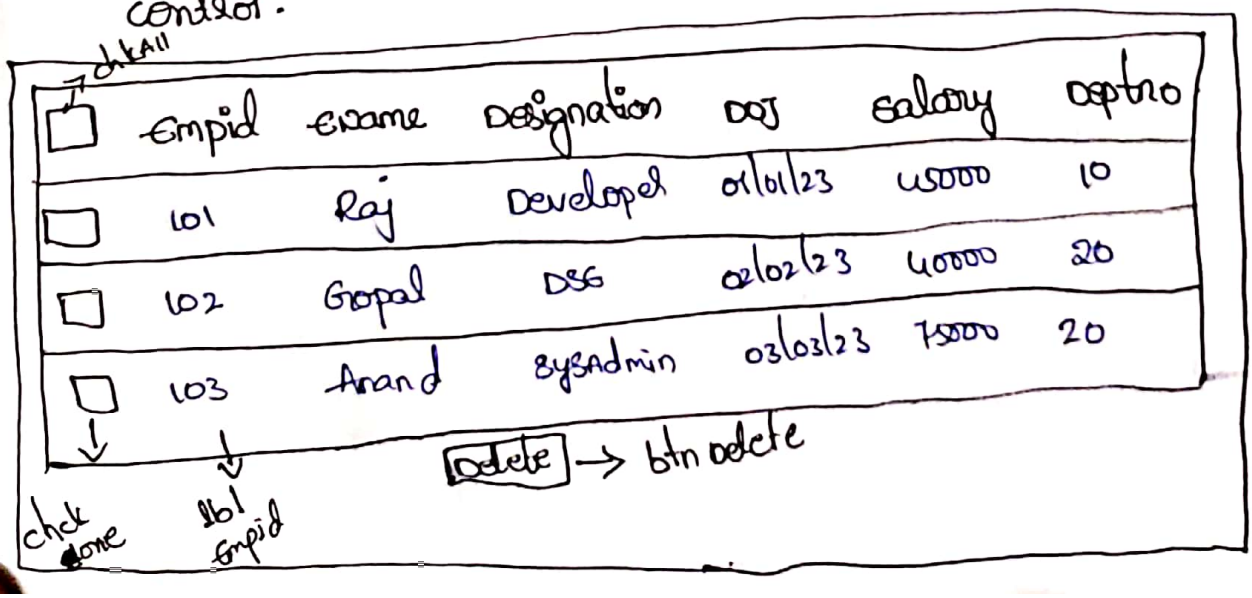
```
salary = T1.Text;
T1 = (TextBox) e.Item.FindControl("txtdeptno");
    Deptno = T1.Text;
string Query = "update empdetails set ename = @p1, Designation=@p2,
                DOJ=@p3, salary=@p4, Deptno=@p5 where empid=@p6;
cmd = new SqlCommand(Query, con);
cmd.CommandType = CommandType.Text;
cmd.Parameters.AddWithValue("@p1", ename);
cmd.Parameters.AddWithValue("@p2", Designation);
cmd.Parameters.AddWithValue("@p3", DOJ);
cmd.Parameters.AddWithValue("@p4", salary
cmd.Parameters.AddWithValue("@p5", deptno);
cmd.Parameters.AddWithValue("@p6" U1.Text);
    con.Open();
    cmd.ExecuteNonQuery();
    con.Close();
    Datalist1.EditItemIndex = -1;
    GetData();
}
```

* Example to delete multiple records using the datalist control.



→ create a new webpage create datalist control go to source code write the following code.

```
<asp:datalist ID = "datalist1" runnat = "server" with = "560pi">
<Header template>
<asp:checkbox ID - "chkAll" runat - "server"/>
empid ename designation DOJ salary deptno
</Header template>
<ItemTemplate>
<asp: checkbox ID = "chkone" runat= "server"/>
<asp: label ID= 'lbl empid" runat= "server"
Text = '<%. # Eval ("empid ")%.>'/>
<%. # Eval ("ename") %>
<%. # Eval ("designation") %>
<%. # Eval ("DOJ") %>
<%. # Eval ("salary") %>
<%. # Eval ("deptno")%.>
</ ItemTemplate>
</ asp: Datalist>
< br/>
```

→ goto .cs file write the following code.

```
using system.data;
using system.data.sqlclient;

sql connection con; dataset DS;
sql DataAdapter da; sqlcommand cmd;
protected void page-load (object sender, EventArgs e)
{
```

```
string sqlcon = " ";
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.Table[0];
Datalist1.DataBind();
}
```

→ Goto .Aspx file switch to design create a button with the name btndelete . write the following code in click event of the button control.

```
protected void btn delete_click (object sender, EventArgs
{
con.open();
 foreach (DataListItem Row in Datalist1.Items)
 {
 checkBox c1 = (checkBox) Row.FindControl("chkone");
 if (c1.checked)
 {
 label L1 = (label) Row.findcontrol ("lblEmpId");
 string Query = " Delete empDetails where EmpId=" + L1.Text;
```

```
cmd= new sql command (Query , con);
cmd. command Type = command Type.Text;
cmd. ExecuteNon Query();
}.
}
con.close();
GetData();
}
```

→ In the above example theis is a drawback that if user activate ten checkboxes ten times request to send to database over the network from the webserver.

- To overcome this drawback we can Modify the code like

```
protected void btndelete-click (object sender eventArgs e)
{
string query= " ";
foreach (DataListItem Row in datalist1.Item)
{
checkbox c1 = (checkBox) Roco. find control ("chtone");
if (c1.checked)
{
label l1 = (label) Row. find control ("lblEmpId");
Query = Query+" Delete empDetails where, EmpId=" +l1.Text+";";
}
cmd = new sqlcommand(Query, con);
cmd. command Type = commandtype.Text;
con. open();
```

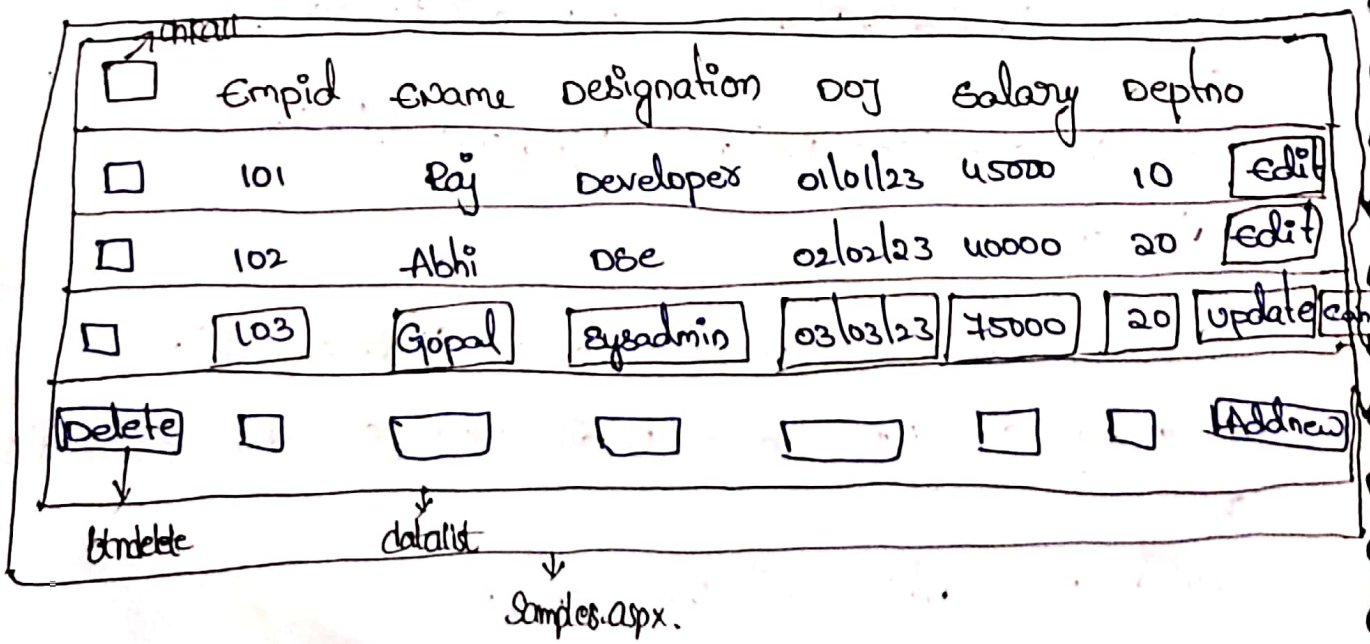
```
cmd.ExecuteNonQuery();
con.close();
GetData();
}.
```

-> In the above example when multiple Query are sending to database - database will prepare Query execution plan for each Query.

- if user is sending 10 Query, 10 times Query execution plan will be prepared. which improves core database engine to overcome the drawback - we can prepare only single Query and send to database - the Query will be like.

Delete empDetails where Empid in (102, 105, 108).

Example with datalist control to perform all operations.



--> Create BillTrans Table
--> Create Items Table
--> Create Tax Table with 2 Fields (CGST, SGST)
--> Insert One User Record into Users Table
--> Insert 2 Records into Items Table
--> Insert 1 Record into Tax Table

Step2
--> Create a New WindowsForms Application with the Name WAMicroProject
--> Create MDI Form and Design
--> Create Login Form Design and Write the Code
--> Create All other Forms and Perform the Design of All the Forms

Step3
--> Create a C# Class with Name GlobalData
--> Crete Public Static Members for UserName for Accessing in LoginForm, ForgotPass
--> Cretate /Dataset DataAdapter and CommandBuilder