

Using System.data;

Using System.data.sqlclient;

SqlConnection con; DataSet DS;

SqlDataAdapter DA;

Protected void Page\_Load ( " " )

{

String sqlcon = " " ;

con = new SqlConnection (sqlcon);

Get Data ();

}

Private void GetData ()

{

DA = new SqlDataAdapter ("select \* from Empdetails", con);

DS = new DataSet ();

DA.Fill (DS, "Emp");

GridView1.DataSource = DS.Tables [0];

GridView1.DataBind ();

}

\* Example to display the data in GridView  
by setting Autogenerate columns to false

→ Create a New Webpage with the name  
sample 10.aspx.

→ Create a GridView Control GridView1 set Auto-  
generate columns to false. go to source  
and write the following code.

<asp:GridView ID="GridView1" runat="server"  
AutoGenerateColumns="false">

<columns>

<asp:TemplateField>

<HeaderTemplate> EmpID </HeaderTemplate>

<ItemTemplate> <%#Eval("EmpID")%> </ItemTemplate>

</asp:TemplateField>

<asp:TemplateField>

<HeaderTemplate> EName </HeaderTemplate>

<ItemTemplate> <%#Eval("EName")%> </ItemTemplate>

</asp:TemplateField>

<asp:TemplateField>

<HeaderTemplate> Designation </HeaderTemplate>

<ItemTemplate> <%#Eval("Designation")%> </ItemTemplate>

</asp:TemplateField>

<asp:TemplateField>

<HeaderTemplate> DOJ </HeaderTemplate>

<ItemTemplate> <%#Eval("DOJ")%> </ItemTemplate>

</asp:TemplateField>

<asp:TemplateField>

<HeaderTemplate> Salary </HeaderTemplate>

<ItemTemplate> <%#Eval("Salary")%> </ItemTemplate>

</asp:TemplateField>

<asp:TemplateField>

<HeaderTemplate> Deptno </HeaderTemplate>

<ItemTemplate> <%#Eval("deptno")%> </ItemTemplate>

</asp:TemplateField>

→ go to .cs file and write the following code.

→ same as before example.

\* Example - to display the data in GridView control by setting Auto generate to false and by using bound field option.

→ Create a New Webpage With the sample 11.aspx  
Create GridView control GridView1 set Auto-Generate <sup>column</sup> (set) to false. go to source Write the following code

```
<asp:GridView ID="GridView1" runat="server"
AutoGenerateColumns="false" Width="468px">
<columns>
<asp:BoundField HeaderText="EmpID" datafield="EmpID" />
<asp:BoundField HeaderText="EName" datafield="EName" />
<asp:BoundField HeaderText="Designation" datafield="Designation" />
<asp:BoundField HeaderText="DOJ" datafield="DOJ" />
<asp:BoundField HeaderText="Salary" datafield="Salary" />
<asp:BoundField HeaderText="deptno" datafield="deptno" />
</columns>
</asp:GridView>
```



- go to .cs file and write the following code
- same as previous example.

\* Example to provide sorting facilities using GridView Control.

EmpID	ENAME	Designation	DOJ	Salary	deptno
101	Raju	Developer	1/1/23	45000	10
102	Gopal	TL	2/2/23	65000	20
104	Anand	HR	3/3/23	75000	30
105	Calitha	DSE	4/4/23	80000	40

→ GridView

→ Sample12.aspx

\* Create a new web page with the name Sample12.aspx.

→ Create a grid view control with the name GridView1. set the following properties for GridView1

→ Autogenerate columns to false

→ allow sorting to true.

→ go to source and write the following code.

```
<asp:GridView ID="GridView1" runat="server"
```

```
Autogenerate columns="false" Width="725px"
```

```
Allow sorting="true" on sorting="GridView1-Sorting">
```

```
<columns>
```

→ <sup>continuing</sup> after code we will write same as before

Example source code in source code DataField

"EmpID" after we will write sort expression="EmpID"

same as ENAME, designation . . . .

→ Go to .cs file Write the following code.

```
using System.Data;  
using System.Data.SqlClient;  
SqlConnection con; DataSet DS;  
SqlDataAdapter Da;  
  
protected void Page_Load (Object Sender, EventArgs e)  
{  
    String sqlcon = "server = ;"  
    con = new SqlConnection (sqlcon);  
    if (!Page.IsPostBack)  
        GetData ("select * from EmpDetails");  
}
```

```
private void GetData (String Query)  
{  
    Da = new SqlDataAdapter (Query, con);  
    DS = new DataSet ();  
    Da.Fill (DS, "Emp");  
    GridView1.DataSource = DS.Tables[0];  
    GridView1.DataBind ();  
}
```

→ Go to .aspx file switch to design; select GridView Control. Go to properties window click on Event button double click on Sorting Event Write the following code.

```
protected void GridView1_Sorting (Object Sender,  
    GridViewSortEventArgs e)
```

string query = "Select \* from emp details order By"  
+ c.Sort expression ;

GetData(query);

}

\* Exercise for sorting the data in GridView control  
in required direction.

(i) Select Sort Direction ☐ Ascending ☐ Descending

→ same as before table previous example.

(ii) Enter Deptno  → txtDeptno

→ btnSubmit

→ same as before table in previous example.