**What is Repeater Control?**

Repeater Control is a control which is used to display the repeated list of items

**Uses of Repeater Control**

Repeater Control is used to display repeated list of items that are bound to the control and it’s same as gridview and datagridview. Repeater control is lightweight and faster to display data when compared with gridview and datagrid. By using this control we can display data in custom format but it’s not possible in gridview or datagridview and it doesn’t support for paging and sorting.

The Repeater control works by looping through the records in your data source and then repeating the rendering of it’s templates called item template. Repeater control contains different types of template fields those are

**Repeater Control Templates**

Repeater controls provides different kinds of templates which helps in determining the layout of control's content. Templates generate markup which determine final layout of content.

Repeater control is an iterative control in the sense it loops each record in the DataSource and renders the specified template (ItemTemplate) for each record in the DataSource collection. In addition, before and after processing the data items, the Repeater emits some markup for the header and the footer of the resulting structure

Repeater control supports five templates which are as follows:

1) itemTemplate 2) AlternatingitemTemplate 3) HeaderTemplate 4) FooterTemplate

5) SeperatorTemplate

**ItemTemplate:** ItemTemplate defines how the each item is displays from data source collection.  
  
**AlternatingItemTemplate:** AlternatingItemTemplates is used to change the background color and styles of AlternatingItems in DataSource collection   
  
**HeaderTemplate:** HeaderTemplate is used to display Header text for DataSource collection and apply different styles for header text.  
  
**FooterTemplate:** FooterTemplate is used to display footer element for DataSource collection  
  
**SeparatorTemplate:** SeparatorTemplate will determine separator element which separates each Item in Item collection. Usually, SeparateTemplate will be <br> html element or <hr> html element.

DEMO : Repeater

### This is the Header of the Repeater Control

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 6477 | Jjh | Jhjh | jhhjj | jjkjk |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 6474 | MallaReddy | Hyd | 12345 | Hyd |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 6480 | Mkmk | Ji | eee | eee |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 6476 | Mndsam | Dmsna | mndsa | msna |

// Repeater control /////////////////////////////

<asp:Repeater ID="Repeater1" runat="server" DataSourceID="SqlDataSource1">

<HeaderTemplate>

<h3>This is the Header of the Repeater Control</h3>

</HeaderTemplate>

<AlternatingItemTemplate>

<table border="1" style="background-color:#c0c0c0;" width="100%"> <tr>

<td style="width:10%;"><%# Eval("AutoID") %></td>

<td style="width:25%;"><%# Eval("Name") %></td>

<td style="width:40%;"><%# Eval("Address") %></td></tr></table>

</AlternatingItemTemplate>

<ItemTemplate>

<table border="1" width="100%">

<tr><td style="width:10%;"><%# Eval("AutoID") %></td>

<td style="width:25%;"><%# Eval("Name") %></td>

<td style="width:40%;"><%# Eval("Address") %></td></tr></table></ItemTemplate></asp:Repeater>

// SqlDataSource control /////////////////////////////

<asp:SqlDataSource ID="SqlDataSource1" runat="server" ConnectionString='<%$ ConnectionStrings:ConnStr %>'

SelectCommand="Select \* FROM emp ORDER BY [Name]">

</asp:SqlDataSource>