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B.Tech. IT, Sem: VII

Aim: - Create an application in which user has to display records in the Grid View Control from Table created in access data base.

Code: -

1. WebForm1.aspx

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<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm1.aspx.cs"
Inherits="Lab11.WebForm1" %>

<!DOCTYPE html>

<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title></title>
</head>
<body>
    <form id="form1" runat="server">
        <div>
            <asp:GridView runat="server" ID="GridView1" AllowPaging="True"
AllowSorting="True" AutoGenerateColumns="False" BackColor="White"
BorderColor="#CCCCCC" BorderStyle="None" BorderWidth="1px" CellPadding="4"
DataKeyNames="Emp_Id" DataSourceID="SqlDataSource1" ForeColor="Black"
GridLines="Horizontal">
                <Columns>
                    <asp:CommandField ShowDeleteButton="True" ShowEditButton="True"
ShowSelectButton="True" />
                    <asp:BoundField DataField="Emp_Id" HeaderText="Emp_Id"
InsertVisible="False" ReadOnly="True" SortExpression="Emp_Id" />
                    <asp:BoundField DataField="Emp_name" HeaderText="Emp_name"
SortExpression="Emp_name" />
                    <asp:BoundField DataField="Emp_salary" HeaderText="Emp_salary"
SortExpression="Emp_salary" />
                    <asp:BoundField DataField="Emp_conutry" HeaderText="Emp_conutry"
SortExpression="Emp_conutry" />
                    <asp:BoundField DataField="Emp_department"
HeaderText="Emp_department" SortExpression="Emp_department" />
                </Columns>
                <FooterStyle BackColor="#CCCC99" ForeColor="Black" />
                <HeaderStyle BackColor="#333333" Font-Bold="True" ForeColor="White" />
                <PagerStyle BackColor="White" ForeColor="Black"
HorizontalAlign="Right" />
                <SelectedRowStyle BackColor="#CC3333" Font-Bold="True"
ForeColor="White" />
                <SortedAscendingCellStyle BackColor="#F7F7F7" />
                <SortedAscendingHeaderStyle BackColor="#4B4B4B" />
                <SortedDescendingCellStyle BackColor="#E5E5E5" />
                <SortedDescendingHeaderStyle BackColor="#242121" />
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            </asp:GridView>
            <asp:SqlDataSource ID="SqlDataSource1" runat="server"
ConnectionString="<%$ ConnectionStrings:ConnectionString %>" DeleteCommand="DELETE
FROM [Employee] WHERE [Emp_Id] = @Emp_Id" InsertCommand="INSERT INTO [Employee]
([Emp_name], [Emp_salary], [Emp_conutry], [Emp_department]) VALUES (@Emp_name,
@Emp_salary, @Emp_conutry, @Emp_department)" SelectCommand="SELECT * FROM [Employee]"
UpdateCommand="UPDATE [Employee] SET [Emp_name] = @Emp_name, [Emp_salary] =
@Emp_salary, [Emp_conutry] = @Emp_conutry, [Emp_department] = @Emp_department WHERE
[Emp_Id] = @Emp_Id" >
                <DeleteParameters>
                    <asp:Parameter Name="Emp_Id" Type="Int32" />
                </DeleteParameters>
                <InsertParameters>
                    <asp:Parameter Name="Emp_name" Type="String" />
                    <asp:Parameter Name="Emp_salary" Type="Decimal" />
                    <asp:Parameter Name="Emp_conutry" Type="String" />
                    <asp:Parameter Name="Emp_department" Type="String" />
                </InsertParameters>
                <UpdateParameters>
                    <asp:Parameter Name="Emp_name" Type="String" />
                    <asp:Parameter Name="Emp_salary" Type="Decimal" />
                    <asp:Parameter Name="Emp_conutry" Type="String" />
                    <asp:Parameter Name="Emp_department" Type="String" />
                    <asp:Parameter Name="Emp_Id" Type="Int32" />
                </UpdateParameters>
            </asp:SqlDataSource>
            <br />
            <asp:DetailsView ID="DetailsView1" runat="server" AutoGenerateRows="False"
BackColor="White" BorderColor="#CCCCCC" BorderStyle="None" BorderWidth="1px"
CellPadding="4" DataKeyNames="Emp_Id" DataSourceID="SqlDataSource2" ForeColor="Black"
GridLines="Horizontal" Height="50px" Width="125px">
                <EditRowStyle BackColor="#CC3333" Font-Bold="True" ForeColor="White"
/>
                <Fields>
                    <asp:BoundField DataField="Emp_Id" HeaderText="Emp_Id"
InsertVisible="False" ReadOnly="True" SortExpression="Emp_Id" />
                    <asp:BoundField DataField="Emp_name" HeaderText="Emp_name"
SortExpression="Emp_name" />
                    <asp:BoundField DataField="Emp_salary" HeaderText="Emp_salary"
SortExpression="Emp_salary" />
                    <asp:BoundField DataField="Emp_conutry" HeaderText="Emp_conutry"
SortExpression="Emp_conutry" />
                    <asp:BoundField DataField="Emp_department"
HeaderText="Emp_department" SortExpression="Emp_department" />
                    <asp:CommandField ShowDeleteButton="True" ShowEditButton="True"
ShowInsertButton="True" />
                </Fields>
                <FooterStyle BackColor="#CCCC99" ForeColor="Black" />
                <HeaderStyle BackColor="#333333" Font-Bold="True" ForeColor="White" />
                <PagerStyle BackColor="White" ForeColor="Black"
HorizontalAlign="Right" />
            </asp:DetailsView>
            <asp:SqlDataSource ID="SqlDataSource2" runat="server"
ConnectionString="<%$ ConnectionStrings:ConnectionString %>" DeleteCommand="DELETE
FROM [Employee] WHERE [Emp_Id] = @Emp_Id" InsertCommand="INSERT INTO [Employee]
([Emp_name], [Emp_salary], [Emp_conutry], [Emp_department]) VALUES (@Emp_name,
@Emp_salary, @Emp_conutry, @Emp_department)" SelectCommand="SELECT * FROM [Employee]
WHERE ([Emp_Id] = @Emp_Id2)" UpdateCommand="UPDATE [Employee] SET [Emp_name] =
@Emp_name, [Emp_salary] = @Emp_salary, [Emp_conutry] = @Emp_conutry, [Emp_department]
= @Emp_department WHERE [Emp_Id] = @Emp_Id">
                <DeleteParameters>
                    <asp:Parameter Name="Emp_Id" Type="Int32" />
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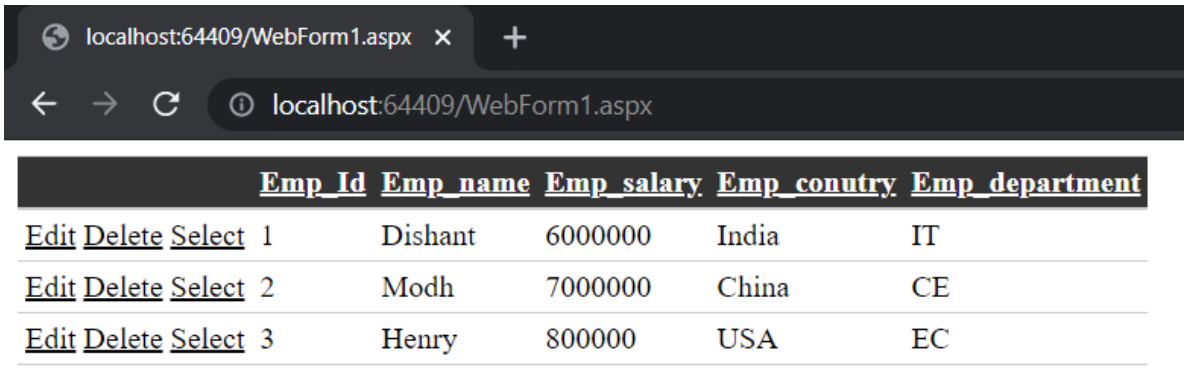
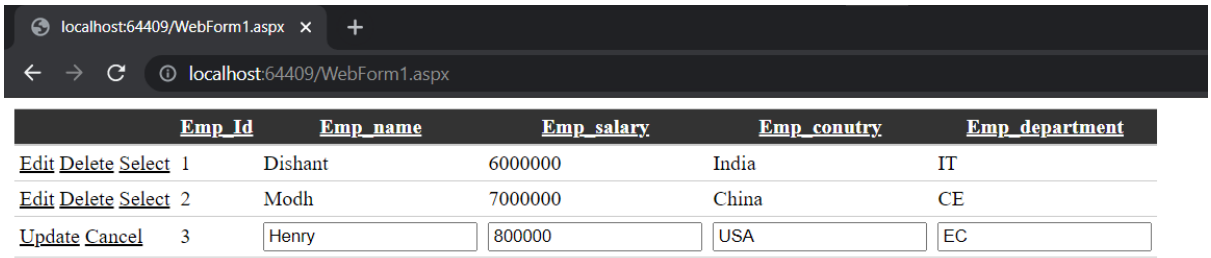
                </DeleteParameters>
                <InsertParameters>
                    <asp:Parameter Name="Emp_name" Type="String" />
                    <asp:Parameter Name="Emp_salary" Type="Decimal" />
                    <asp:Parameter Name="Emp_conutry" Type="String" />
                    <asp:Parameter Name="Emp_department" Type="String" />
                </InsertParameters>
                <SelectParameters>
                    <asp:ControlParameter ControlID="GridView1" Name="Emp_Id2"
PropertyName="SelectedValue" Type="Int32" />
                </SelectParameters>
                <UpdateParameters>
                    <asp:Parameter Name="Emp_name" Type="String" />
                    <asp:Parameter Name="Emp_salary" Type="Decimal" />
                    <asp:Parameter Name="Emp_conutry" Type="String" />
                    <asp:Parameter Name="Emp_department" Type="String" />
                    <asp:Parameter Name="Emp_Id" Type="Int32" />
                </UpdateParameters>
            </asp:SqlDataSource>
        </div>
    </form>
</body>
</html>
```

Output: -



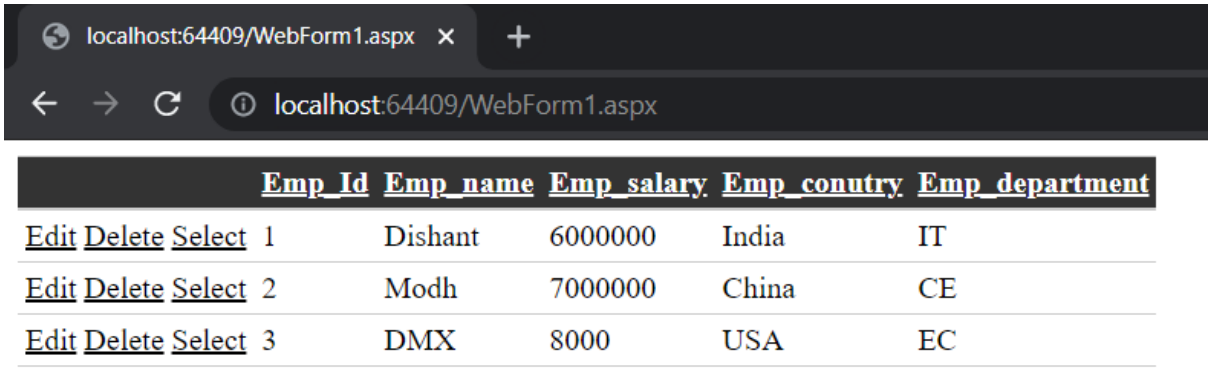
	Emp_Id	Emp_name	Emp_salary	Emp_conutry	Emp_department
Edit Delete Select	1	Dishant	6000000	India	IT
Edit Delete Select	2	Modh	7000000	China	CE
Edit Delete Select	3	Henry	800000	USA	EC

Fig. 1 Basic GUI



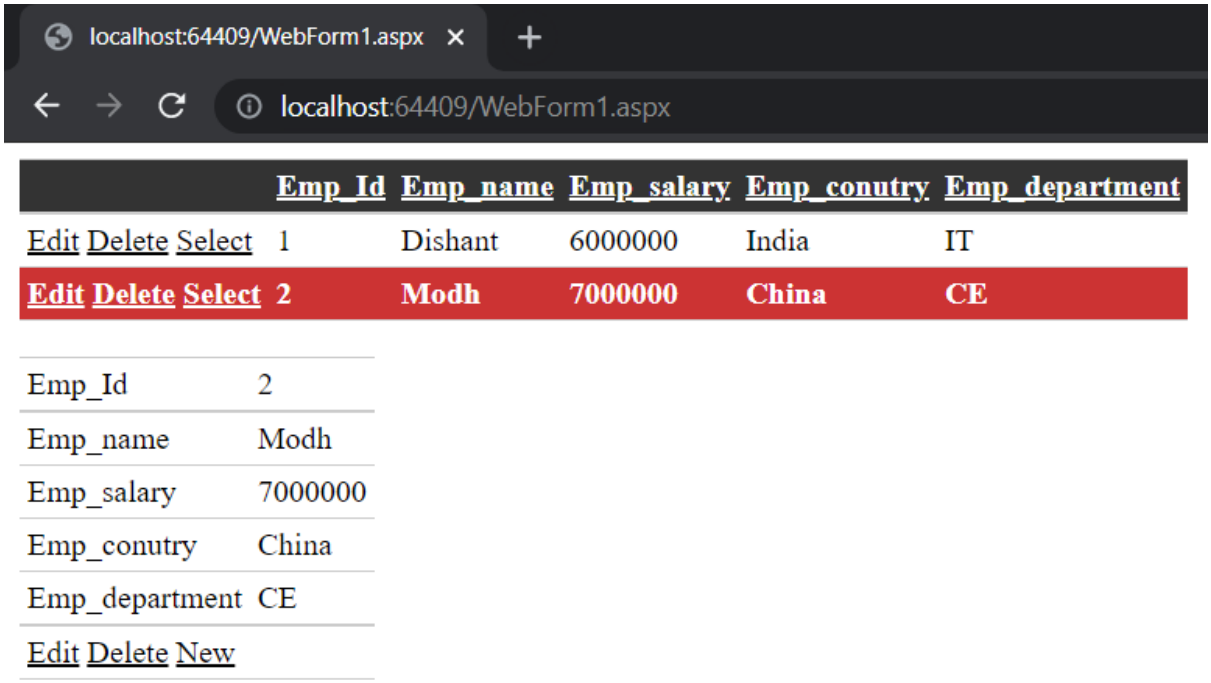
	Emp_Id	Emp_name	Emp_salary	Emp_conutry	Emp_department
Edit Delete Select	1	Dishant	6000000	India	IT
Edit Delete Select	2	Modh	7000000	China	CE
Update Cancel	3	Henry	800000	USA	EC

Fig. 2 Editing Data



	Emp_Id	Emp_name	Emp_salary	Emp_conutry	Emp_department
Edit Delete Select	1	Dishant	6000000	India	IT
Edit Delete Select	2	Modh	7000000	China	CE
Edit Delete Select	3	DMX	8000	USA	EC

Fig. 3 Updated Database



	Emp_Id	Emp_name	Emp_salary	Emp_conutry	Emp_department
Edit Delete Select	1	Dishant	6000000	India	IT
Edit Delete Select	**2**	**Modh**	**7000000**	**China**	**CE**

Emp_Id	2
Emp_name	Modh
Emp_salary	7000000
Emp_conutry	China
Emp_department	CE
Edit Delete New	

Fig. 4 Selecting data

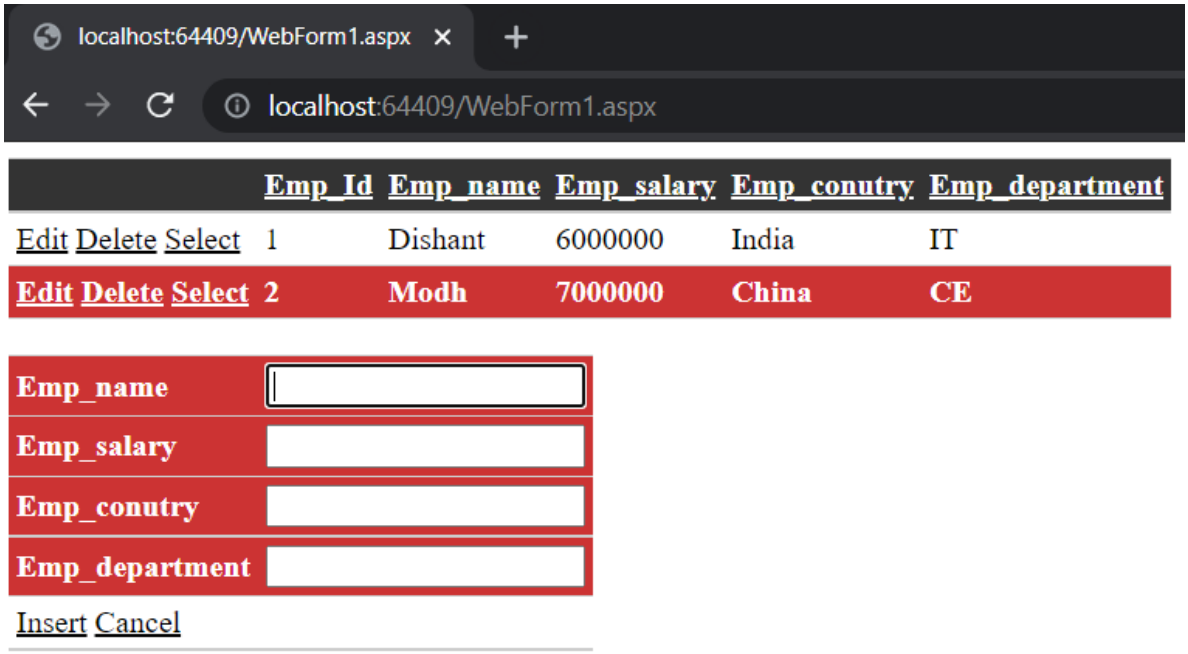


Fig. 5 Adding New Data Database