Experiment – 9

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

Code:

Webform1.aspx:

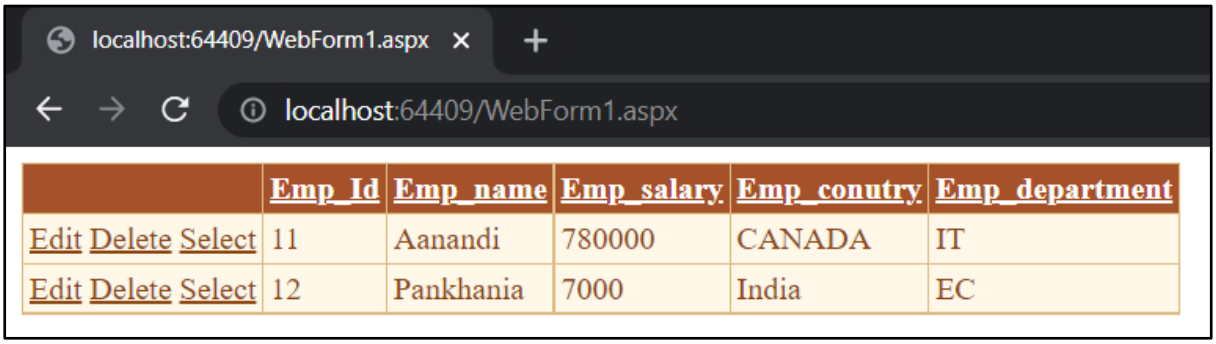
```
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm1.aspx.cs"
Inherits="Lab11.WebForm1" %>
<!DOCTYPE html>
<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
<title></title>
</head>
<body>
<form id="form1" runat="server">
<div>
<asp:GridView runat="server" ID="GridView1" 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" />
</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" />
</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>
```

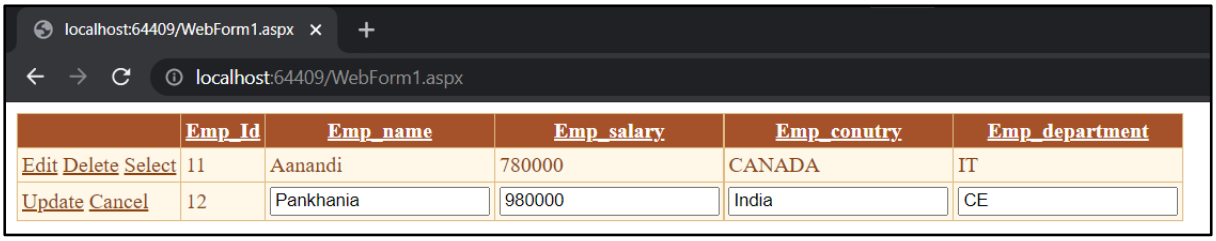
Output Screenshots:

GUI:

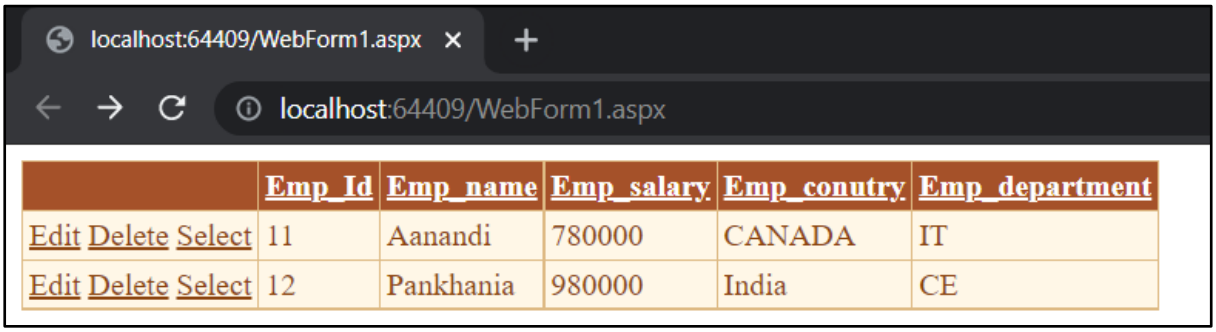


	Emp_Id	Emp_name	Emp_salary	Emp_conutry	Emp_department
Edit Delete Select	11	Aanandi	780000	CANADA	IT
Edit Delete Select	12	Pankhania	7000	India	EC

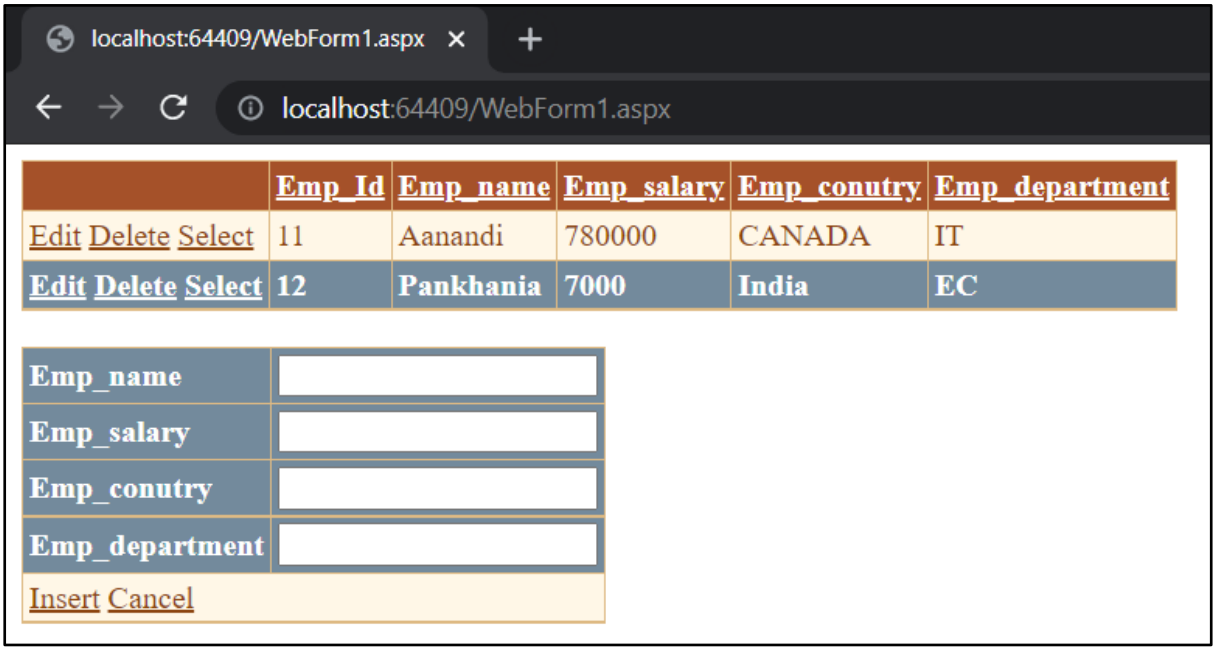
Data editing:



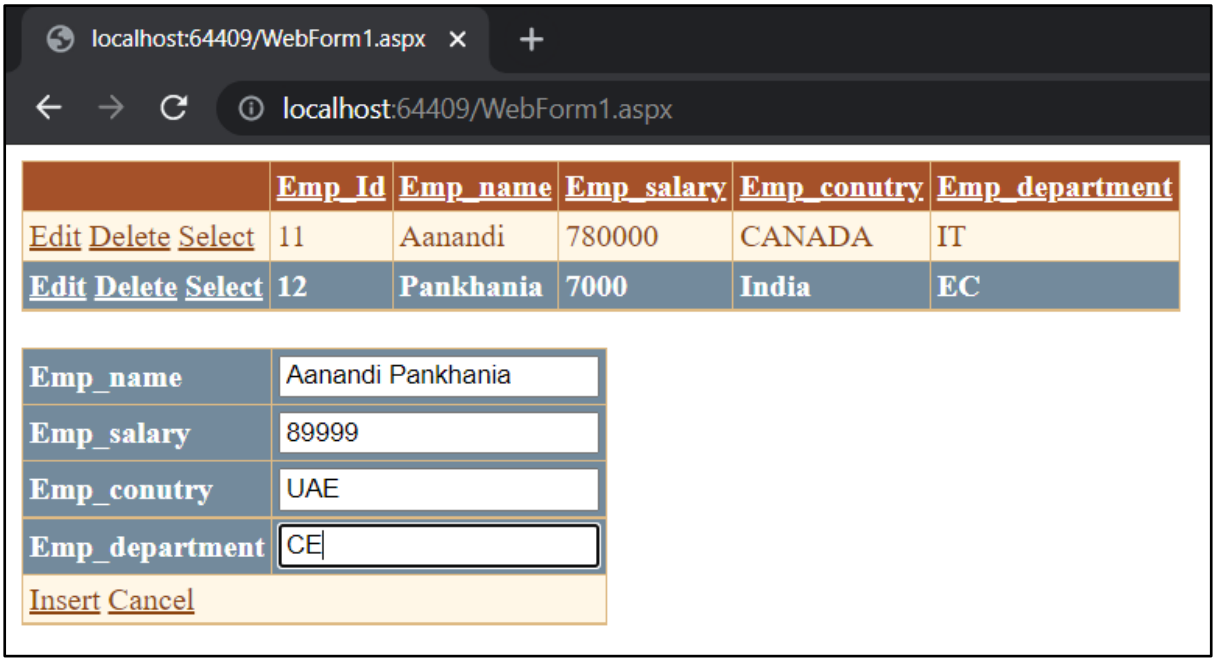
Update in database:



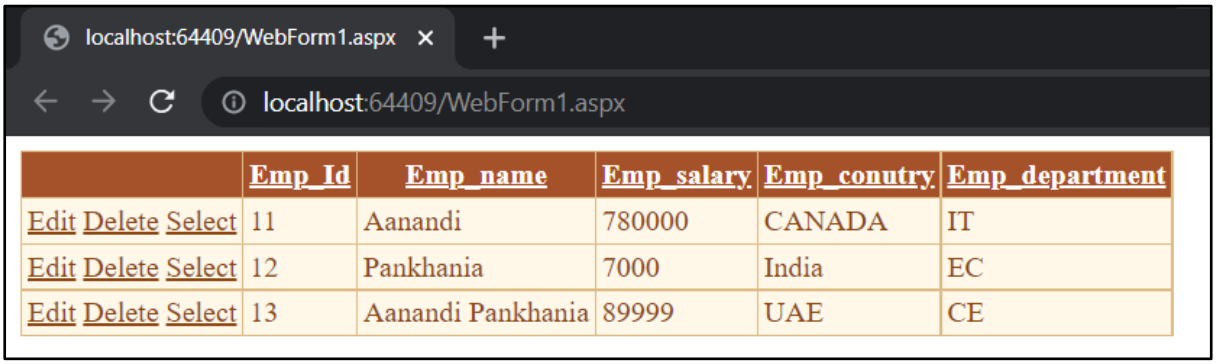
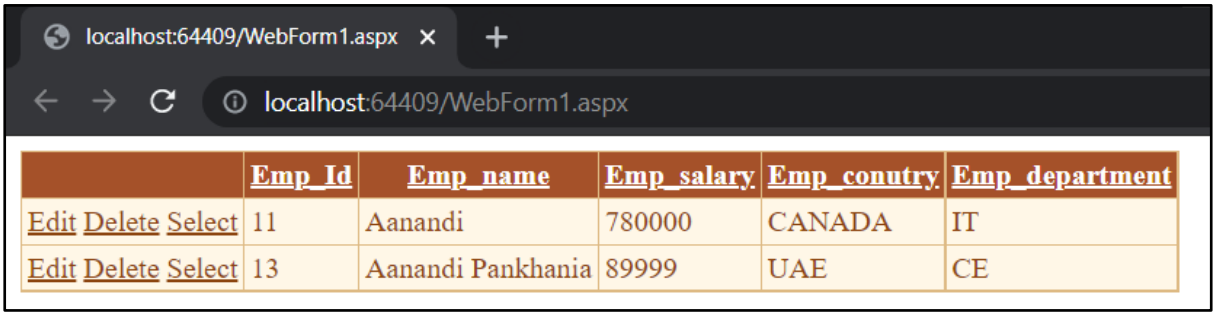
Select data:



Insert new data into database:



After inserting, Database:



Delete record: