



Program 4

Pdf:

<https://s3-us-west-2.amazonaws.com/secure.notion-static.com/9eea4a7a-6fcc-48e5-ada3-9889f8ff50ea/Program4.pdf>

Create a web application to manage employee record and filtering by department.

Design / Structure & Source Code:

Page 1 (Home.aspx):

Home.aspx.cs Home.aspx

div

ABC Co.

Add Record Display All Department Wise

▼

Page 1 (Home.aspx.cs):

```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;

namespace PartBFour
{
    public partial class Home : System.Web.UI.Page
    {
        protected void Button1_Click(object sender, EventArgs e)
        {
            Response.Redirect("AddRec.aspx");
        }

        protected void Button2_Click(object sender, EventArgs e)
        {
            Response.Redirect("Display.aspx");
        }

        protected void DropDownList1_SelectedIndexChanged(object sender, EventArgs e)
        {
            DropDownList1.Visible = false;
            Response.Redirect("DepartmentWise.aspx?Parameter=" + DropDownList1.SelectedValue);
        }

        protected void Button3_Click(object sender, EventArgs e)
        {
            DropDownList1.Visible = true;
        }
    }
}
```

```
}
}
```

Page 2 (AddRec.aspx):

Page 2 (AddRec.aspx.cs):

```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;
using System.Data.SqlClient;

namespace PartBFour
{
    public partial class AddRec : System.Web.UI.Page
    {
        SqlCommand com;
        SqlConnection con;
        string str;
        protected void Button2_Click(object sender, EventArgs e)
        {
            string department = "";
            if (RadioButton1.Checked == true)
                department = RadioButton1.Text.ToString();
            else if (RadioButton2.Checked == true)
                department = RadioButton2.Text.ToString();
            else if (RadioButton3.Checked == true)
                department = RadioButton3.Text.ToString();

            con = new SqlConnection(@"Data Source=vigneshs-pc\SQLEXPRESS;Initial Catalog=simpledb;Integrated Security=True");
            con.Open();

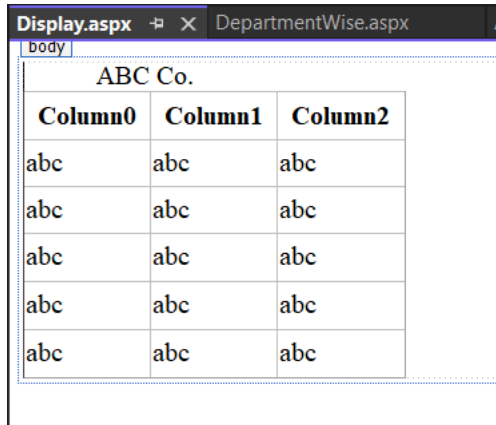
            try
            {
                str = "insert into Employee(EmpNo, EmpName, EmpSalary, EmpDept) values('" + empNoBox.Text + "', '" + empNameBox.Text + "', " + empSalaryBox.Text + ", '" + department + "')";
                com = new SqlCommand(str, con);
                com.ExecuteNonQuery();
                con.Close();
                addedSuccessLabel.Text = "Details saved successfully";
                addedSuccessLabel.Visible = true;
            }
            catch (Exception ext)
            {
                addedSuccessLabel.Text = "There is some error";
                addedSuccessLabel.Visible = true;
            }
        }
    }
}
```

```

    }
}
}

```

Page 3 (Display.aspx):



ABC Co.		
Column0	Column1	Column2
abc	abc	abc
abc	abc	abc
abc	abc	abc
abc	abc	abc
abc	abc	abc
abc	abc	abc

Page 3 (Display.aspx.cs):

```

using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;
using System.Data.SqlClient;
using System.Data;

namespace PartBFour
{
    public partial class Display : System.Web.UI.Page
    {
        SqlConnection con;
        SqlCommand com;
        SqlDataAdapter oda;
        DataSet ds;
        protected void Page_Load(object sender, EventArgs e)
        {
            con = new SqlConnection(@"Data Source=vigneshs-pc\SQLEXPRESS;Initial Catalog=simpledb;Integrated Security=True");
            string str = "select * from Employee";
            com = new SqlCommand(str, con);
            con.Open();
            oda = new SqlDataAdapter(com);
            ds = new DataSet();
            oda.Fill(ds, "Employee");
            con.Close();
            GridView1.DataSource = ds;
            GridView1.DataBind();
        }
    }
}

```

Page 4 (DepartmentWise.aspx):

Department Employee Record		
Column0	Column1	Column2
abc	abc	abc
abc	abc	abc
abc	abc	abc
abc	abc	abc
abc	abc	abc

Page 4 (DepartmentWise.aspx.cs):

```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;
using System.Data.SqlClient;
using System.Data;

namespace PartBFour
{
    public partial class DepartmentWise : System.Web.UI.Page
    {
        SqlConnection con;
        SqlCommand com;
        SqlDataAdapter oda;
        DataSet ds;
        string str;
        protected void Page_Load(object sender, EventArgs e)
        {
            TextBox1.Text = Request.QueryString["Parameter"].ToString();
            con = new SqlConnection(@"Data Source=vigneshs-pc\SQLEXPRESS;Initial Catalog=simpledb;Integrated Security=True");
            str = "select * from Employee where EmpDept like '" + TextBox1.Text + "'";
            com = new SqlCommand(str, con);
            con.Open();
            oda = new SqlDataAdapter(com);
            ds = new DataSet();
            oda.Fill(ds, "Employee");
            con.Close();
            GridView1.DataMember = "Employee";
            GridView1.DataSource = ds;
            GridView1.DataBind();
        }
    }
}
```

Table Structure:

dbo.Employee [Design] DepartmentWise.aspx.cs Display				
Update Script File: dbo.Employee.sql				
	Name	Data Type	Allow Nulls	Default
	EmpNo	varchar(50)	<input type="checkbox"/>	
	EmpName	varchar(50)	<input checked="" type="checkbox"/>	
	EmpSalary	numeric(18,0)	<input checked="" type="checkbox"/>	
	EmpDept	varchar(50)	<input checked="" type="checkbox"/>	
			<input type="checkbox"/>	

Output :

ABC Co.

Add Record

Display All

Department Wise

{Output 1}

Emp No:

89412

Emp Name:

Thea Queen

Salary:

59000

Department:

☐ Sales
 ☒ Accounts
 ☐ IT

Add Records

Details saved successfully

{Output 2}

ABC Co.

EmpNo	EmpName	EmpSalary	EmpDept
4500	Robin	50000	IT
4501	Nami	59000	Sales
4502	Usopp	62000	Accounts
4503	Chopper	55000	IT
4504	Zoro	65000	Accounts
4505	Brook	63000	Sales
4509	Luffy	96000	IT
4890	Shanks	89000	Sales
89412	Thea Queen	59000	Accounts
8952	Bon Clay	96000	Accounts
89955	Felicity Smoak	9000000	IT

{Output 3}

Department Employee Record

Accounts			
EmpNo	EmpName	EmpSalary	EmpDept
4502	Usopp	62000	Accounts
4504	Zoro	65000	Accounts
89412	Thea Queen	59000	Accounts
8952	Bon Clay	96000	Accounts

{Output 4}