Name = Junaid Saleem

Reg = 70003

Enrollment = 02-131202-057

CODE:

using System;

using System.Collections.Generic;

using System.Web;

using System.Web.UI;

using System.Web.UI.WebControls;

using System.Data.SqlClient;

using System.Data;

using System.Web.Configuration;

namespace WebApplication2

{

public partial class \_Default : System.Web.UI.Page

{

SqlConnection conn = new SqlConnection(@"Data Source=NCMS219CL7-28;Initial Catalog=junaid;Persist Security Info=True;User ID=sa;Password=bimcs");

protected void Page\_Load(object sender, EventArgs e)

{

getcar();

caraudit();

}

public void caraudit()

{

string qry = "select \* from car\_audit";

SqlCommand cmd = new SqlCommand(qry, conn);

SqlDataAdapter sd = new SqlDataAdapter(cmd);

DataTable dt = new DataTable();

sd.Fill(dt);

GridView2.DataSource = dt;

GridView2.DataBind();

}

public void getcar()

{

string qry = "select \* from car";

SqlCommand cmd = new SqlCommand(qry, conn);

SqlDataAdapter sd = new SqlDataAdapter(cmd);

DataTable dt = new DataTable();

sd.Fill(dt);

GridView1.DataSource = dt;

GridView1.DataBind();

}

protected void GridView1\_SelectedIndexChanged(object sender, EventArgs e)

{

}

protected void Button1\_Click(object sender, EventArgs e)

{

conn.Open();

string qry = "insert into car values ('" + TextBox1.Text + "','" + TextBox2.Text + "','" + TextBox3.Text + "','" + TextBox4.Text + "')";

SqlCommand cmd = new SqlCommand(qry, conn);

cmd.ExecuteNonQuery();

conn.Close();

Label1.Text = "Car has been added successfully";

}

protected void Button3\_Click(object sender, EventArgs e)

{

clearControls();

}

private void clearControls()

{

TextBox1.Text = "";

TextBox2.Text = "";

TextBox3.Text = "";

TextBox4.Text = "";

Label1.Text = "";

}

protected void Button4\_Click(object sender, EventArgs e)

{

getcar();

caraudit();

}

protected void Button5\_Click(object sender, EventArgs e)

{

conn.Open();

string qry = "Update car set name = '" + TextBox1.Text + "',model = '" + TextBox2.Text + "',price = '" + TextBox3.Text + "',address = '" + TextBox4.Text + "'where name = '" + TextBox1.Text + "'";

SqlCommand cmd = new SqlCommand(qry, conn);

cmd.ExecuteNonQuery();

conn.Close();

Label1.Text = "Car has been updated successfully";

}

}

}

create table car(

carno int primary key identity(1,1),

name varchar(50),

model int,

price int,

address varchar(50)

)

create table car\_audit(

carno int primary key identity(1,1),

name varchar(50),

model int,

price int,

address varchar(50),

audit\_action nvarchar(100),

audit\_date datetime

)

Trigger

create Trigger carinsert on car

for insert

as

declare @carno int , @name varchar(50),@model int , @price int ,@address varchar(50),@audit\_action nvarchar(100)

begin

select @carno = i.carno from inserted i

select @name = i.name from inserted i

select @model = i.model from inserted i

select @price = i.price from inserted i

select @address = i.address from inserted i

set @audit\_action = 'Inserted new Car'

insert into car\_audit VALUES

(@carno,@name,@model,@price,@address,@audit\_action,GETDATE())

print 'After insert trigger on new car'

END



