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// variable declaration equivalent to the columns
string name = string.Empty;
string today2 = string.Empty;
int arrival;
int departure;
int lunch;
int experience;
int hours;

// remember to change the connection string with appropriate values
string connStr = "Server=<Server>;Database=<Database>;uid=<Username>;pwd=<Password>";

void Page_Load(object sender, EventArgs e)
{
    // Process for insert/save
    if (Request.Form["actionButton"] != null && Request.Form["actionButton"] == "save")
    {
        /* submit was pressed: save and redirect to confirmation page */
        name = Request.Form["name"];
        today2 = Request.Form["today2"];
        arrival = int.Parse(Request.Form["arrival"]);
        departure = int.Parse(Request.Form["departure"]);
        // validation for radio button list control
        if (!string.IsNullOrEmpty(Request.Form["lunch"]))
        {
            lunch = int.Parse(Request.Form["lunch"]);
        }
        // validation for rating control as no value may come for the rating if no
selection
        if (!string.IsNullOrEmpty(Request.Form["experience"]))
        {
            experience = int.Parse(Request.Form["experience"]);
        }
        hours = int.Parse(Request.Form["hours"]);

        if (Request.QueryString["serialno"] != null)
        {
            // if serialno exists in url then update
            if (UpdateArrival(int.Parse(Request.QueryString["serialno"]), name, today2,
arrival, departure, lunch, experience, hours))
                Response.Write("Arrival updated.");
        }
        else
        {
            // save
            if (InsertArrival(name, today2, arrival, departure, lunch, experience,
hours))
                Response.Write("Arrival saved.");
        }
    }
    else if (Request.QueryString["serialno"] != null)
    {
        // if serialno exists then display the record
        DisplayArrival(int.Parse(Request.QueryString["serialno"]));
    }
}

// Method to insert into database
public bool InsertArrival(string name, string today2, int arrival, int departure, int
lunch, int experience, int hours)
{

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    string sql = "Insert into
Arrival(name,today2,arrival,departure,lunch,experience,Hours)
values (@Name,@Today2,@Arival,@Departure,@Lunch,@Experience,@Hours) ";
    using (System.Data.SqlClient.SqlConnection conn = new
System.Data.SqlClient.SqlConnection(connStr))
    {
        conn.Open();
        System.Data.SqlClient.SqlCommand cmd = new System.Data.SqlClient.SqlCommand(sql,
conn);

        cmd.Parameters.AddWithValue("@Name", name);
        cmd.Parameters.AddWithValue("@Today2", today2);
        cmd.Parameters.AddWithValue("@Arival", arrival);
        cmd.Parameters.AddWithValue("@Departure", departure);
        cmd.Parameters.AddWithValue("@Lunch", lunch);
        cmd.Parameters.AddWithValue("@Experience", experience);
        cmd.Parameters.AddWithValue("@Hours", hours);

        return cmd.ExecuteNonQuery() == 1;
    }
}

// Update the record
public bool UpdateArrival(int serialno, string name, string today2, int arrival, int
departure, int lunch, int experience, int hours)
{
    string sql = "Update Arrival Set
name=@name,today2=@today2,arrival=@arrival,departure=@departure,lunch=@lunch,experience=@
experience,hours=@hours where serialno=@serialno";
    using (System.Data.SqlClient.SqlConnection conn = new
System.Data.SqlClient.SqlConnection(connStr))
    {
        conn.Open();
        System.Data.SqlClient.SqlCommand cmd = new System.Data.SqlClient.SqlCommand(sql,
conn);
        cmd.Parameters.AddWithValue("@serialno", serialno);

        cmd.Parameters.AddWithValue("@name", name);
        cmd.Parameters.AddWithValue("@today2", today2);
        cmd.Parameters.AddWithValue("@arrival", arrival);
        cmd.Parameters.AddWithValue("@departure", departure);
        cmd.Parameters.AddWithValue("@lunch", lunch);
        cmd.Parameters.AddWithValue("@experience", experience);
        cmd.Parameters.AddWithValue("@hours", hours);

        return cmd.ExecuteNonQuery() == 1;
    }
}

// Display the particular record
public void DisplayArrival(int serialId)
{
    string sql = "select * from arrival Where serialno = @serialno";
    using (System.Data.SqlClient.SqlConnection conn = new
System.Data.SqlClient.SqlConnection(connStr))
    {
        conn.Open();
        System.Data.SqlClient.SqlCommand cmd = new System.Data.SqlClient.SqlCommand(sql,
conn);
        cmd.Parameters.AddWithValue("@serialno", serialId);
        System.Data.SqlClient.SqlDataReader reader = cmd.ExecuteReader();
        while (reader.Read())
        {

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        name = reader["name"].ToString();
        today2 = reader["today2"].ToString();
        arrival = int.Parse(reader["arrival"].ToString());
        departure = int.Parse(reader["departure"].ToString());
        lunch = int.Parse(reader["lunch"].ToString());
        experience = int.Parse(reader["experience"].ToString());
        hours = int.Parse(reader["hours"].ToString());
        break;
    }
}

// Helper method to display value to the "Dropdown list" control by checking if the
// element
// value matches with the current
public string GetDropDownHelper(string currentValue, string selectedValue)
{
    if (selectedValue.Equals(currentValue))
        return "selected"; // return html attribute for the drop down selection
    return string.Empty;
}

// Helper method to display value to the "Radio buttons" control by checking if the
// element
// value matches with the current
public string GetRadioButtonHelper(string currentValue, string selectedValue)
{
    if (selectedValue.Equals(currentValue))
        return "checked='checked'"; // return html attribute for radio button selection
    return string.Empty;
}

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