

I hope you to benefit from this codes inch Allah (Abdikarim dahir)

// id display to update form

```
private void txtId_TextChanged(object sender, EventArgs e)
{
    try
    {
        if (txtId.Text != "")
        {
            con.Open();
            string select = "select * from Employee where em_id=" + txtId.Text +
";
            SqlCommand cmd = new SqlCommand(select, con);
            SqlDataReader dr = cmd.ExecuteReader();
            while (dr.Read())
            {
                txtFname.Text = dr.GetValue(1).ToString();
                txtMname.Text = dr.GetValue(2).ToString();
                txtLname.Text = dr.GetValue(3).ToString();
                txtType.Text = dr.GetValue(4).ToString();
                txtPhone.Text = dr.GetValue(5).ToString();
                txtAddress.Text = dr.GetValue(6).ToString();
                txtSalary.Text = dr.GetValue(7).ToString();
            }
            con.Close();
        }
        else
        {
            txtId.Clear();
            txtFname.Clear();
            txtType.Clear();
            txtMname.Clear();
            txtLname.Clear();
            txtPhone.Clear();
            txtAddress.Clear();
            txtSalary.Clear();
        }
    }
    catch (Exception ex)
    {
        MessageBox.Show(ex.Message, "Message", MessageBoxButtons.OK,
MessageBoxIcon.Error);
    }
    finally
    {
        con.Close();
    }
}
```

```

// update code

private void btnUpdate_Click(object sender, EventArgs e)
{
    try
    {
        if (txtFname.Text != "" && txtPhone.Text != "" && txtMname.Text !=
""&&txtAddress.Text != "" && txtLname.Text != "" && txtSalary.Text !=
""&&txtType.Text!="")
        {
            con.Open();
            string update = "update employee set em_firstname='" + txtFname.Text
+ "',em_middleName='" + txtMname.Text + "',em_lastname='"
+ txtLname.Text + "',em_type='"+txtType.Text + "',Phone=" +
txtPhone.Text + ",salary="+txtSalary.Text+",em_address='" + txtAddress.Text + "'where
em_id=" + txtId.Text + """;
            SqlCommand cmd = new SqlCommand(update, con);
            SqlDataAdapter da = new SqlDataAdapter(cmd);
            cmd.ExecuteNonQuery();
            MessageBox.Show("Record Update successfully", "Message",
MessageBoxButtons.OK, MessageBoxIcon.Information);
            con.Close();

            txtId.Clear();
            txtType.Clear();
            txtAddress.Clear();
            txtFname.Clear();
            txtMname.Clear();
            txtLname.Clear();
            txtPhone.Clear();
            txtSalary.Clear();
        }
        else
        {
            MessageBox.Show("Please Enter Employee Id or Correct", "Message",
MessageBoxButtons.OK, MessageBoxIcon.Warning);
            txtId.Focus();
        }
    }
    catch (Exception ex)
    {
        MessageBox.Show(ex.Message, "Message", MessageBoxButtons.OK,
MessageBoxIcon.Error);
    }
    finally
    {
        con.Close();
    }
}

```

```

// save code

private void btnSave_Click(object sender, EventArgs e)
{
    try
    {
        if (txtFname.Text != "" && txtPhone.Text != "" && txtMname.Text != "")
        {
            con.Open();
            string save = "insert into customer
(cus_firstname,cus_middlename,cus_lastname,phone,cus_address)values('" + txtFname.Text +
"', '" +
            txtMname.Text + "', '" + txtLname.Text + "', '" + txtPhone.Text +
"', '" + txtAddress.Text + "')";
            SqlCommand cmd = new SqlCommand(save, con);
            SqlDataAdapter da = new SqlDataAdapter(cmd);
            cmd.ExecuteNonQuery();
            MessageBox.Show("Record save successfully", "Message",
MessageBoxButtons.OK, MessageBoxIcon.Information);
            con.Close();

            txtAddress.Clear();
            txtFname.Clear();
            txtMname.Clear();
            txtLname.Clear();
            txtPhone.Clear();
        }
        else
        {
            MessageBox.Show("Please Enter First Name , Middle Name and Phone",
"Message", MessageBoxButtons.OK, MessageBoxIcon.Information);
            txtFname.Focus();
        }
    }
    catch (Exception ex)
    {
        MessageBox.Show(ex.Message, "Message", MessageBoxButtons.OK,
MessageBoxIcon.Error);
    }
    finally
    {
        con.Close();
    }
}

// code clear
private void btnClear_Click(object sender, EventArgs e)
{
    txtItemName.Clear();
    txtQuantity.Clear();
    txtTotal.Clear();
    txtPrice.Clear();
}

```

```

        txtItemId.Clear();
        txtAvailableQty.Clear();
    }
    // code delete

    private void btnDelete_Click(object sender, EventArgs e)
    {
        try
        {
            int de =
int.Parse(dataGridView1.SelectedRows[0].Cells[0].Value.ToString());

            DialogResult dr = MessageBox.Show("Are sure to delete the row you
selected", "message", MessageBoxButtons.YesNo, MessageBoxIcon.Question);
            if (dr == DialogResult.Yes)
            {
                con.Open();
                string select = "delete from item where item_id =" + de + "";
                SqlCommand cmd = new SqlCommand(select, con);
                SqlDataAdapter da = new SqlDataAdapter(cmd);
                cmd.ExecuteNonQuery();
                con.Close();
                MessageBox.Show("The record deleted", "Message",
MessageBoxButtons.OK, MessageBoxIcon.Information);
            }
        }
        catch (Exception ex)
        {
            MessageBox.Show(ex.Message, "Message", MessageBoxButtons.OK,
MessageBoxIcon.Error);
        }
        finally
        {
            con.Close();
        }
    }
}

```

// code calcualtion qty

```

private void txtQuantity_TextChanged(object sender, EventArgs e)
{
    try
    {
        if (txtQuantity.Text != "")
        {
            int qty = int.Parse(txtQuantity.Text);
            double price = int.Parse(txtPrice.Text);
            double total = price * qty;
            txtTotal.Text = total.ToString();
        }
        else
        {
            txtTotal.Text = "0";
        }
    }
}

```

```

    }
    catch (Exception ex)
    {
        MessageBox.Show(ex.Message, "Message", MessageBoxButtons.OK,
        MessageBoxIcon.Error);
    }
}

```

// update qty

```

private void updateQty()
{
    try
    {
        int id = int.Parse(txtItemId.Text);
        int a_qty = int.Parse(txtAvailableQty.Text);
        int qty = int.Parse(txtQuantity.Text);
        int l_qty = a_qty - qty;

        con.Open();
        string update = "update stock set available=" + l_qty + "where item_id="
+ id + "";
        SqlCommand cmd = new SqlCommand(update, con);
        SqlDataAdapter da = new SqlDataAdapter(cmd);
        cmd.ExecuteNonQuery();
        con.Close();
        selectAll();
    }
    catch (Exception ex)
    {
        MessageBox.Show(ex.Message, "Message", MessageBoxButtons.OK,
        MessageBoxIcon.Error);
    }
    finally
    {
        con.Close();
    }
}

```

// dicscount code

```

private void txtDiscount_TextChanged(object sender, EventArgs e)
{
    try
    {
        if (txtDiscount.Text != "")
        {
            double total = double.Parse(txtTotalAmount.Text);
            double discount = double.Parse(txtDiscount.Text);

```

```

        double tot = total - discount;
        txtSubtotal.Text = tot.ToString();
    }
    else
    {
        txtSubtotal.Text = "0";
        txtReceipt.Clear();
        txtBalance.Clear();
    }
}
catch (Exception ex)
{
    MessageBox.Show(ex.Message, "Message", MessageBoxButtons.OK,
    MessageBoxIcon.Error);
}
}
// code Receipt

private void txtReceipt_TextChanged(object sender, EventArgs e)
{
    try
    {
        if (txtReceipt.Text!="")
        {
            double subbt = double.Parse(txtSubtotal.Text);
            double rec = double.Parse(txtReceipt.Text);
            double bal = subbt - rec;
            txtBalance.Text = bal.ToString();
        }
        else
        {
            txtBalance.Text = "";
        }
    }
    catch (Exception ex)
    {
        MessageBox.Show(ex.Message, "Message", MessageBoxButtons.OK,
        MessageBoxIcon.Error);
    }
}
}

```

// login form code

```

private void btnLogin_Click(object sender, EventArgs e)
{
    try
    {
        if (checkBox1.Checked)
        {

```

```

        string role = "admin";
        con.Open();
        string select = "select * from loginForm where username='" +
txtUser.Text + "' and pass='" + txtPass.Text + "' and userRole='"+role+"'";
        SqlCommand cmd = new SqlCommand(select, con);
        SqlDataAdapter da = new SqlDataAdapter(cmd);
        DataTable dt = new DataTable();
        da.Fill(dt);
        con.Close();
        if (dt.Rows.Count == 1)
        {
            Dashboard fd = new Dashboard();
            fd.Show();
            this.Hide();
        }
        else
        {
            MessageBox.Show("Incorrect Username, Password or Role please
check", "Message", MessageBoxButtons.OK, MessageBoxIcon.Error);
            txtUser.Focus();
        }
    }
    else if (checkBox2.Checked)
    {
        string role="user";
        con.Open();
        string select = "select * from loginForm where username='" +
txtUser.Text + "' and pass='" + txtPass.Text + "' and userRole='"+role+"'";
        SqlCommand cmd = new SqlCommand(select, con);
        SqlDataAdapter da = new SqlDataAdapter(cmd);
        DataTable dt = new DataTable();
        da.Fill(dt);
        con.Close();

        if (dt.Rows.Count == 1)
        {
            Dashboard fd = new Dashboard();
            fd.Show();

            this.Hide();
        }
        else
        {
            MessageBox.Show("Incorrect Username, Password or Role please
check", "Message", MessageBoxButtons.OK, MessageBoxIcon.Error);
            txtUser.Focus();
        }
    }
    else
    {
        MessageBox.Show("Please fill the blank or check your Role",
"Message", MessageBoxButtons.OK, MessageBoxIcon.Error);
    }
}
catch (Exception ex)
{
    MessageBox.Show(ex.Message, "Message", MessageBoxButtons.OK,
MessageBoxIcon.Information);
}

```

```

    }
    finally
    {
        con.Close();
    }
}

// searching code

private void txtSearch_TextChanged(object sender, EventArgs e)
{
    try
    {
        con.Open();
        string select = "select * from Stock where item_id like'" +
txtSearch.Text + "'or item_name like'" + txtSearch.Text + "'";
        SqlCommand cmd = new SqlCommand(select, con);
        SqlDataAdapter da = new SqlDataAdapter(cmd);
        DataTable dt = new DataTable();
        da.Fill(dt);
        dataGridView1.DataSource = dt;
        con.Close();
    }
    catch (Exception ex)
    {
        MessageBox.Show(ex.Message, "Message", MessageBoxButtons.OK,
MessageBoxIcon.Error);
    }
    finally
    {
        con.Close();
    }
}

```

// button hide password code and show password code

```

private void btnShow_Click(object sender, EventArgs e)
{
    try
    {
        btnShow.Hide();
        txtPass.PasswordChar = none;
        txtPass.Focus();
    }
    catch (Exception ex)
    {
        MessageBox.Show(ex.Message);
    }
}

private void btnHide_Click(object sender, EventArgs e)
{

```



```

        try
        {
            btnShow.Show();
            txtPass.PasswordChar = '*';
            txtPass.Focus();
        }
        catch (Exception ex)
        {
            MessageBox.Show(ex.Message);
        }
    }

    public char none {get; set;}

```

// report code

```

private void selectAll()
{
    try
    {
        con.Open();
        string select = "select * from orders where or_id=(select max(or_id)from
Orders)";
        SqlCommand cmd = new SqlCommand(select, con);
        SqlDataAdapter da = new SqlDataAdapter(cmd);
        DataTable dt = new DataTable();
        da.Fill(dt);
        con.Close();
        CR_sales cr = new CR_sales();
        cr.Database.Tables["orders"].SetDataSource(dt);
        this.crystalReportViewer1.ReportSource = cr;
    }
    catch (Exception ex)
    {
        MessageBox.Show(ex.Message, "Message", MessageBoxButtons.OK,
MessageBoxIcon.Error);
    }
    finally
    {
        con.Close();
    }
}

```