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public static class MyPublics
{
    public static SqlConnection conMyConnection;

    public static void ConnectDatabase()
    {
        string strConn = "Server = localhost;
Database = TenCSDL; Integrated Security = false; UID =
TN207User; PWD = TN207User";

        conMyConnection = new SqlConnection();
        conMyConnection.ConnectionString = strConn;
        try
        {
            conMyConnection.Open();
        }
        catch (Exception)
        {
        }
    }

    public static void OpenData(string strSelect,
DataSet dsDatabase, string strTableName, SqlDataAdapter
daDataAdapter)
    {
        try
        {

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        if (conMyConnection.State ==
ConnectionState.Closed)

            conMyConnection.Open();

            daDataAdapter.SelectCommand = new
SqlCommand(strSelect, conMyConnection);

            SqlCommandBuilder cmbCommandBuilder =
new SqlCommandBuilder(daDataAdapter);

            daDataAdapter.Fill(dsDatabase,
strTableName);

            conMyConnection.Close();

        }

        catch (Exception)

        {

        }

    }

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    public static void OpenData(string strSelect,
DataSet dsDatabase, string strTableName)

    {

        SqlDataAdapter daDataAdapter = new
SqlDataAdapter();

        try

        {

            if (conMyConnection.State ==
ConnectionState.Closed)

                conMyConnection.Open();

                daDataAdapter.SelectCommand = new
SqlCommand(strSelect, conMyConnection);

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        daDataAdapter.Fill(dsDatabase,
strTableName);

        conMyConnection.Close();

    }

    catch (Exception)

    {

    }

}

public static bool TonTaiKhoaChinh(string
strGiaTri, string strTenTruong, string strTable)
{

    SqlCommand cmdCommand;
    SqlDataReader drReader;
    string sqlSelect;
    bool blnRessult = false;
    try
    {

        sqlSelect = "Select 1 From " + strTable
+ " Where " + strTenTruong + "='" + strGiaTri + "'";

        if (conMyConnection.State ==
ConnectionState.Closed)

            conMyConnection.Open();

        cmdCommand = new SqlCommand(sqlSelect,
conMyConnection);

        drReader = cmdCommand.ExecuteReader();

        if (drReader.HasRows)

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        blnRessult = true;
        drReader.Close();
        conMyConnection.Close();
    }
    catch (Exception)
    {
    }
    return blnRessult;
}

public static string MaHoaPassword(string
strPassword)
{
    string strTemp1 = "", strTemp2 = "";
    int i, n;
    n = strPassword.Length;
    for (i = 0; i < n; i = i + 2)
    {
        strTemp1 += strPassword[i];
        if (n > i + 1)
            strTemp2 += strPassword[i + 1];
    }
    return (strTemp1 + strTemp2);
}
}

```