

Visual Studio interface showing a C# project named "Sistema_Calificacion". The code in "FrmLoginAdministrador.cs" implements a login method using SQL Server. The SQL Explorer on the left shows the database structure, including tables like "Administrador". A preview of the application window is shown on the right, displaying a login screen with buttons for "Iniciar Sesión", "Acerca De", and "Salir".

Explorador de objetos de SQL Server

- Bases de datos
 - Bases de datos del sistema
 - dbproductos
 - dbproductoscf
 - NORTHWIND
 - PEDIDOS
 - project
 - Proyecto_Libros
 - quejas
 - Sistema_Calificacion
 - Tablas
 - Tablas del sistema
 - Tablas de archivos
 - Tablas externas
 - dbo.Administrador
 - dbo.ALUMNOS
 - dbo.EMPLEADOS
 - dbo.MATERIA_EMPLE
 - dbo.MATRICULA
 - dbo.NIVELES
 - dbo.NOTAS
 - dbo.PERIODOS_NOTA
 - dbo.REPRESENTANTE
 - Vistas
 - Sinónimos
 - Programación
 - Recursos externos
 - Service Broker
 - Almacenamiento
 - Seguridad

Code (FrmLoginAdministrador.cs):

```
26 }
27 SqlConnection conectarbd = new SqlConnection("Server=PC-DTAM;Database=Sistema_Calificacion;Integrated Security=tr
1 referencia
28 public void logear(string usuario, string contraseña)
29 {
30     try
31     {
32         conectarbd.Open();
33         SqlCommand cmd = new SqlCommand("SELECT CEDULA_Admin, Password_Admin FROM Administrador WHERE CEDULA_Adm
34         cmd.Parameters.AddWithValue("cedula_admin", usuario);
35         cmd.Parameters.AddWithValue("pass_admin", contraseña);
36         SqlDataAdapter sda = new SqlDataAdapter(cmd);
37         DataTable dt = new DataTable();
38         sda.Fill(dt);
39
40         if (dt.Rows.Count == 1)
41         {
42             this.Hide();
43         }
44     }
45     catch { }
46 }
```

Output (Salida):

Mostrar salida de: Compilación

110 % No se encontraron problemas.

Preview (Bievenido):

SISTEMA DE CALIFICACIÓN

Iniciar Sesión

Acerca De

Salir

Visual Studio interface showing a C# project named "Sistema_Calificacion". The code in "FrmLoginAdministrador.cs" defines a login method:

```
26 }
27 SqlConnection conectarbd = new SqlConnection("Server=PC-DTAM;Database=Sistema_Calificacion;Integrated Security=tr
1 referencia
28 public void logear(string usuario, string contraseña)
29 {
30     try
31     {
32         conectarbd.Open();
33         SqlCommand cmd = new SqlCommand("SELECT CEDULA_Admin, Password_Admin FROM Administrador WHERE CEDULA_Adm
34         cmd.Parameters.AddWithValue("cedula_admin", usuario);
35         cmd.Parameters.AddWithValue("pass_admin", contraseña);
36         SqlDataAdapter sda = new SqlDataAdapter(cmd);
37         DataTable dt = new DataTable();
38         sda.Fill(dt);
39
40         if (dt.Rows.Count == 1)
41         {
42             this.Hide();
43         }
44     }
45     catch { }
46 }
```

The output window shows: "No se encontraron problemas." (No problems found).

A modal dialog titled "MODOS DE USUARIOS" is displayed, featuring a user icon and a dropdown menu set to "Administrador". Buttons for "Aceptar" and "Cancelar" are at the bottom.

Windows Taskbar: 09/12/2019, 23:17.

Visual Studio Code interface showing a C# project named "Sistema_Calificacion". The Explorer pane on the left displays the database structure, including tables like "dbo.Administrador", "dbo.ALUMNOS", "dbo.EMPLEADOS", "dbo.MATERIA_EMPLE", "dbo.MATRICULA", "dbo.NIVELES", "dbo.NOTAS", "dbo.PERIODOS_NOTA", and "dbo.REPRESENTANTE".

The main editor displays the code for "FrmLoginAdministrador.cs". The code includes a connection string and a login method:

```
26 }
27 SqlConnection conectarbd = new SqlConnection("Server=PC-DTAM;Database=Sistema_Calificacion;Integrated Security=tr
1 referencia
28 public void logear(string usuario, string contraseña)
29 {
30 try
31 {
32 conectarbd.Open();
33 SqlCommand cmd = new SqlCommand("SELECT CEDULA_Admin, Password_Admin FROM Administrador WHERE CEDULA_Admin = @cedula_admin", conectarbd);
34 cmd.Parameters.AddWithValue("cedula_admin", usuario);
35 cmd.Parameters.AddWithValue("pass_admin", contraseña);
36 SqlDataAdapter sda = new SqlDataAdapter(cmd);
37 DataTable dataTable = new DataTable();
38 sda.Fill(dataTable);
39 if (dataTable.Rows.Count > 0)
40 {
41 this.DialogResult = DialogResult.OK;
42 }
43 }
```

A small error dialog box is displayed in the center, stating "Usuario y/o contraseña incorrecto" (User and/or password incorrect) with an "Aceptar" (Accept) button.

A "Login Administrador" dialog box is also visible, showing the login form with fields for "Usuario" (1600731176) and "Contraseña" (*****), and buttons for "Ingresar" (Login) and "Cancelar" (Cancel).

The bottom status bar shows the compilation output: "No se encontraron problemas." (No problems found).

The Windows taskbar at the bottom shows the system clock as 23:17 on 09/12/2019.

Visual Studio Code interface showing a C# project named "Sistema_Calificacion". The Explorer pane on the left displays the project structure, including a "Tablas" folder with various database tables like "dbo.Administrador", "dbo.ALUMNOS", "dbo.EMPLEADOS", etc. The Solution Explorer on the right shows the "FrmLoginAdministrador.cs" file, which contains the following code:

```
26 }
27 SqlConnection conectarbd = new SqlConnection("Server=PC-DTAM;Database=Sistema_Calificacion;Integrated Security=tr
1 referencia
28 public void logear(string usuario, string contraseña)
29 {
30 try
31 {
32 conectarbd.Open();
33 SqlCommand cmd = new SqlCommand("SELECT CEDULA_Admin, Password_Admin FROM Administrador WHERE CEDULA_Admin = @cedula_admin", conectarbd);
34 cmd.Parameters.AddWithValue("cedula_admin", usuario);
35 cmd.Parameters.AddWithValue("pass_admin", contraseña);
36 SqlDataAdapter sda = new SqlDataAdapter(cmd);
37 DataTable dt = new DataTable();
38 sda.Fill(dt);
39
40 if (dt.Rows.Count == 1)
41 {
42 this.Hide();
43 }
```

The Output window at the bottom shows the compilation status: "No se encontraron problemas." (No problems found).

Overlaid on the bottom right is a "Login Administrador" dialog box. It features a user icon on the left and input fields for "Usuario:" (containing "1600731176") and "Contraseña:" (containing "*****"). Below the fields are "Ingresar" and "Cancelar" buttons.

The Windows taskbar at the bottom shows the system clock as 23:18 on 09/12/2019, along with various application icons and a notification area.

Visual Studio Code interface showing a C# project named "Sistema_Calificacion". The Explorer pane on the left displays the database structure, including tables like "dbo.Administrador", "dbo.ALUMNOS", "dbo.EMPLEADOS", "dbo.MATERIA_EMPLE", "dbo.MATRICULA", "dbo.NIVELES", "dbo.NOTAS", "dbo.PERIODOS_NOTA", and "dbo.REPRESENTANTE".

The main editor displays the code for "FrmLoginAdministrador.cs" (Diseño). The code includes a connection string and a login method:

```
SqlConnection conectarbd = new SqlConnection("Server=PC-DTAM;Database=Sistema_Calificacion;Integrated Security=tr
1 referencia
public void logear(string usuario, string contraseña)
{
    try
    {
        conectarbd.Open();
        SqlCommand cmd = new SqlCommand("SELECT CEDULA_Admin, Password_Admin FROM Administrador WHERE CEDULA_Admi
        cmd.Parameters.AddWithValue("cedula_admin", usuario);
        cmd.Parameters.AddWithValue("pass_admin", contraseña);
        SqlDataAdapter sda = new SqlDataAdapter(cmd);
        DataTable dt = new DataTable();
        sda.Fill(dt);

        if (dt.Rows.Count == 1)
        {
            this.Hide();
        }
    }
}
```

The Output window shows the compilation status: "No se encontraron problemas." (No problems found).

An application window titled "Administrador" is displayed, showing a login interface with six buttons:

- Informacion Personal
- Registro Profesores
- Registro Estudiantes
- Registro Materias
- Registro Horarios
- Registro Aulas

The Windows taskbar at the bottom shows the system clock as 23:18 on 09/12/2019.