

Instituto Tecnológico de Costa Rica

Cede Central Cartago

Bases de Datos 2

Documentación Técnica

Fecha: 17/06/2019

Natalia Rodriguez

Marypaz Aguilar

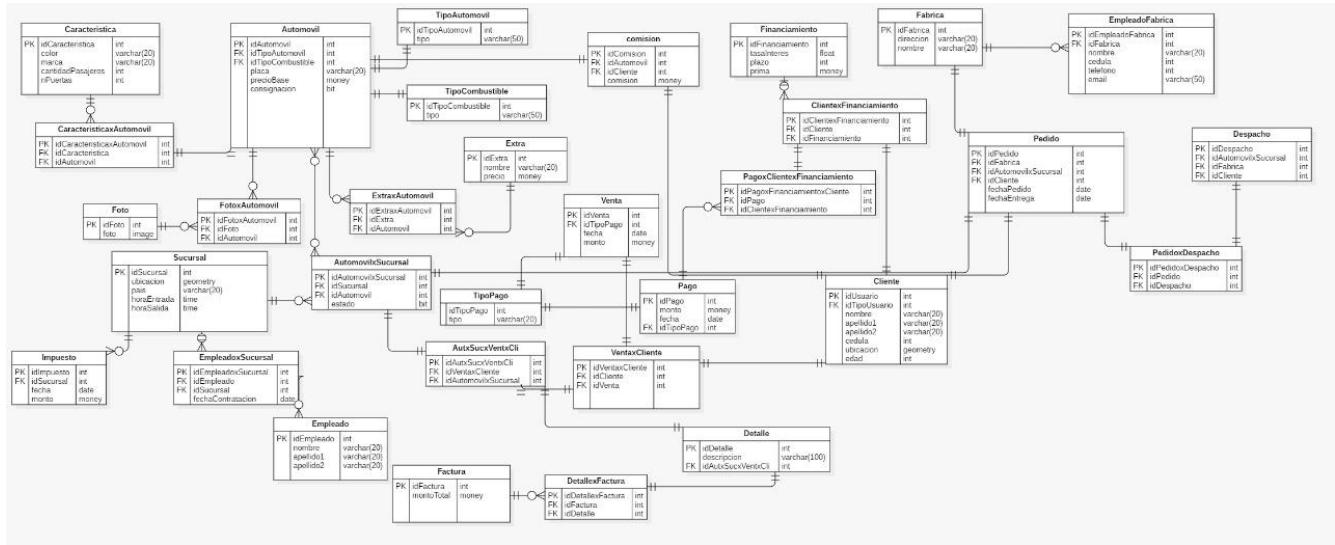
Dereck Benavides

El proyecto consiste en realizar una base de datos distribuida, en la cual existe fraccionamiento horizontal y vertical. La base de datos consiste en una venta de carros, en la cual hay una fabrica central y varias sucursales, en el caso del siguiente proyecto, se desarrollaron 3 sucursales. Existen 3 tipos de usuario: administrador, cliente y facturador, cada uno con diferentes funcionamientos. Los usuarios se manejan directamente en la MS SQL, a cada uno se le asigna las tablas a los que puede acceder.

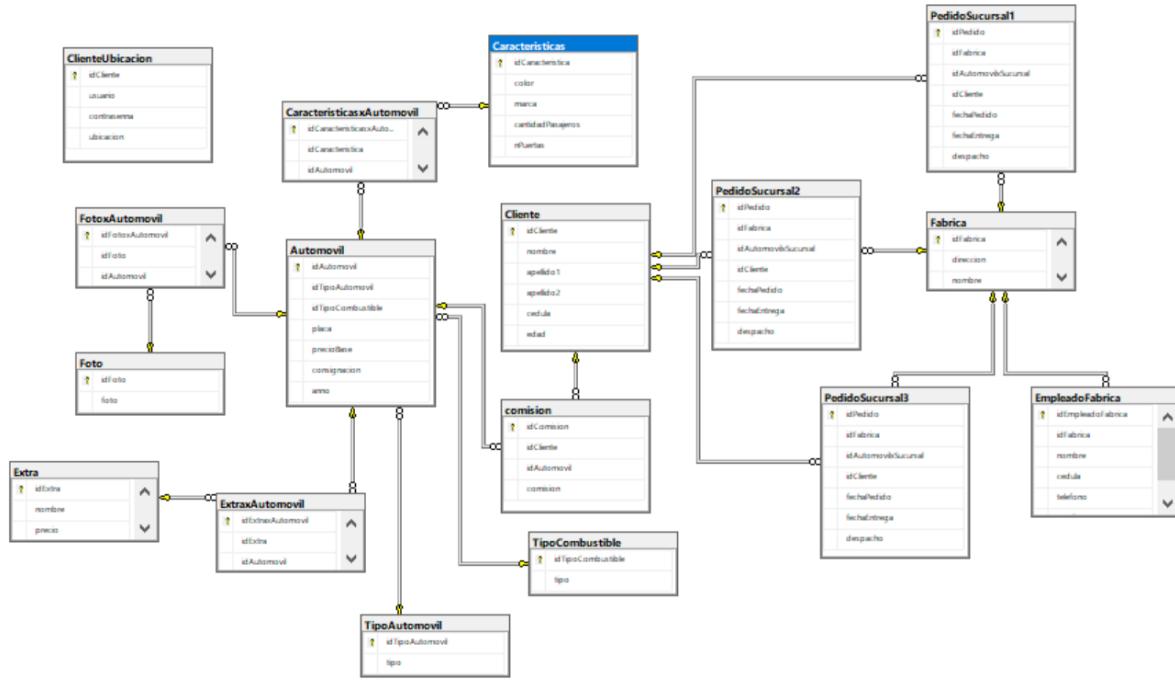
Se realizó una fragmentación vertical en las tablas de Sucursal y Sucursal Ubicación para tener más fácil acceso a la ubicación. Se realizó fragmentación horizontal en Pedidos X Sucursal, Despacho y DespachoXSucursal.

Se realizaron todas las bases de datos en Microsoft SQL Server, por lo tanto, la distribución solo se realizó en esta misma. Además, se realizó una aplicación web en Visual Studio, en ASP.Net.

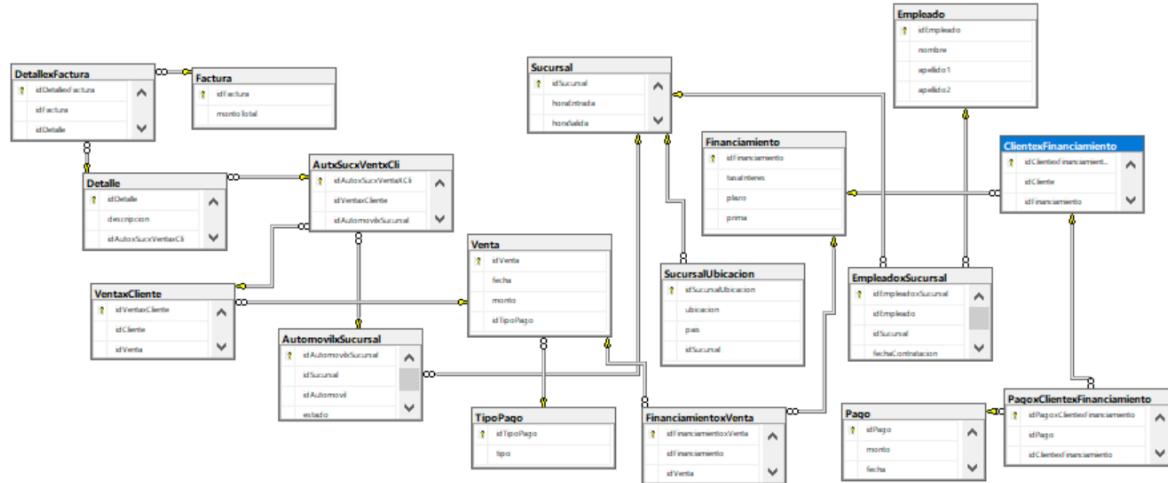
A continuación, se muestra el modelo de base de datos que se construyó para realizar el proyecto:



Para la base de datos de la Fabrica, se encuentran las siguientes tablas:



Para realizar las otras 3 bases de datos de Sucursal, se utilizaron las siguientes tablas:



Se realizaron los siguientes procedimientos almacenados, para el funcionamiento de la aplicación web:

- CRUD Automóviles y características:

- Agregar Automovil

The screenshot shows the Microsoft SQL Server Management Studio interface. The Object Explorer on the left lists several stored procedures under the 'Fabrica' database, including spRealizarPedidoSucursal1, spRealizarPedidoSucursal2, spRealizarPedidoSucursal3, spRegistrarUsuario, spConsignarCarro, spAregarAutomovil, spAregarCaracteristica, spAregarComision, spAregarEmpleadoFabrica, spAregarExtra, spAregarTipoAutomovil, spAregarTipoCombustible, spConsultarDescuento10P, spConsultarPrecioAutomovil, spConsultarPrecioExtra, spVerAutoNoSalidaSucursal, spVenderCarro, spVentas, spVerAutosDisponibles, spVerAutosDisponiblesGlobal, spVerCaracteristicas, spVerComision, spVerEmpleadosSucursal, spVerExtrasAutosDisponibles, spVerFotosAutosDisponibles, spVerHorarioSucursal, Functions, Database Triggers, and Assemblies.

The main query editor window displays the following T-SQL code for the stored procedure spAregarAutomovil:

```
ALTER procedure [dbo].[spAregarAutomovil] @idTipoAutomovil int, @idTipoCombustible int, @placa varchar(20), @precioBase money, @consignacion bit, @anno int, @idCaracteristicas int, @idSucursal int
as
BEGIN
    BEGIN TRY
        BEGIN TRANSACTION
        insert into Automovil(idTipoAutomovil,idTipoCombustible,placa,precioBase,consignacion,anno)
        values(@idTipoAutomovil,@idTipoCombustible,@placa,@precioBase,@consignacion,@anno);

        declare @idAutomovil int;
        set @idAutomovil = (select @@IDENTITY);
        insert into CaracteristicasAutomovil(idAutomovil,idCaracteristica)
        values(@idAutomovil,@idCaracteristicas);

        if(@idSucursal = 1)
            insert into Sucursal_1.dbo.AutomovilxSucursal(idSucursal,idAutomovil,estado)
            values(1,@idAutomovil,0)
        else if(@idSucursal = 2)
            insert into Sucursal_2.dbo.AutomovilxSucursal(idSucursal,idAutomovil,estado)
            values(1,@idAutomovil,0)
        else if(@idSucursal = 3)
            insert into Sucursal_3.dbo.AutomovilxSucursal(idSucursal,idAutomovil,estado)
            values(1,@idAutomovil,0)
        COMMIT
    END TRY
    BEGIN CATCH
        declare @errorMsg varchar(100) = (select ERROR_MESSAGE())
        print('ERROR:' + @errorMsg)
        return -1 @@ERROR
    END CATCH
END
```

- Modificar Automóvil

SQLQuery10.sql - DESKTOP-SV37236\NATALIASQL.Fabrica (sa (64)) - Microsoft SQL Server Management Studio

```

GO
ALTER procedure [dbo].[modificarAutomovil]
@idAutomovil int,
@placa varchar(20) = null,
@precioBase money = null,
@consignacion bit = null,
@color varchar(20) = null,
@marca varchar(20) = null,
@año int = null,
@cantidadPasajeros int = null,
@puertas int = null,
@foto image = null,
@tipoAuto int = null,
@tipoCombustible int = null

as
begin
    begin transaction
        update Automovil
        set placa = isnull(@placa,placa), precioBase = isnull(@precioBase,precioBase), consignacion = isnull(@consignacion,consignacion),
            idTipoAutomovil = isnull(@tipoAuto,idTipoAutomovil), idTipoCombustible = isnull(@tipoCombustible,idTipoCombustible), anno = isnull(@año,anno)
        where idAutomovil = @idAutomovil
        commit transaction

        declare @carac int
        set @carac = (select CaracteristicasxAutomovil.idCaracteristica from CaracteristicasxAutomovil where @idAutomovil = CaracteristicasxAutomovil.idAutomovil)

        begin transaction
            update Caracteristicas
            set color = isnull(@color,color), marca = isnull(@marca,marca), cantidadPasajeros=isnull(@cantidadPasajeros,cantidadPasajeros),
                nPuertas = isnull(@puertas,nPuertas)
            where idCaracteristica = @carac
        commit transaction
    end
end

```

Connected. (1/1)

DESKTOP-SV37236\NATALIASQL ... | sa (64) | Fabrica | 00:00:00 | 0 rows

Ready

Ln 1 Col 1 Ch 1 INS

File Edit View Project Debug Tools Window Help

Object Explorer

SQLQuery10.sql - DE...L.Fabrica (sa (64)) DESKTOP-SV37236\N...sal\_1 - Diagram\_0 SQLQuery9.sql - DES...ucursl\_1 (sa (61)) DESKTOP-SV37236\...utomovilSucursal

Quick Launch (Ctrl+Q)

SQLQuery10.sql - DESKTOP-SV37236\NATALIASQL.Fabrica (sa (64)) - Microsoft SQL Server Management Studio

```

GO
ALTER procedure [dbo].[modificarAutomovil]
@idTipoAutomovil = isnull(@tipoAuto,idTipoAutomovil), idTipoCombustible = isnull(@tipoCombustible,idTipoCombustible), anno = isnull(@año,anno)
where idAutomovil = @idAutomovil
commit transaction

declare @carac int
set @carac = (select CaracteristicasxAutomovil.idCaracteristica from CaracteristicasxAutomovil where @idAutomovil = CaracteristicasxAutomovil.idAutomovil)

begin transaction
update Caracteristicas
set color = isnull(@color,color), marca = isnull(@marca,marca), cantidadPasajeros=isnull(@cantidadPasajeros,cantidadPasajeros),
nPuertas = isnull(@puertas,nPuertas)
where idCaracteristica = @carac
commit transaction

declare @pic int
set @pic = (select FotoxAutomovil.idFoto from FotoxAutomovil where @idAutomovil = FotoxAutomovil.idAutomovil)

begin transaction
update Foto
set foto = isnull(@foto,foto)
where idFoto = @pic
commit transaction

select('Actualizado!')

end

```

Connected. (1/1)

DESKTOP-SV37236\NATALIASQL ... | sa (64) | Fabrica | 00:00:00 | 0 rows

Ready

Ln 1 Col 1 Ch 1 INS

File Edit View Project Debug Tools Window Help

Object Explorer

SQLQuery10.sql - DE...L.Fabrica (sa (64)) DESKTOP-SV37236\N...sal\_1 - Diagram\_0 SQLQuery9.sql - DES...ucursl\_1 (sa (61)) DESKTOP-SV37236\...utomovilSucursal

Quick Launch (Ctrl+Q)

## ○ Ver Automovil

SQLQuery12.sql - DESKTOP-SV37236\NATALIASQL.Fabrica (sa (68)) - Microsoft SQL Server Management Studio

```
--fotos y extras debo seleccionar un automovil
ALTER procedure [dbo].[verAutosDisponibles](@idSucursal int)
as
begin
if @idSucursal=1
Select placa, precioBase as precio, anno as año, color, marca, cantidadPasajeros, nPuertas, TA.tipo, TC.tipo as combustible
from [Sucursal_1].[dbo].AutomovilxSucursal AxS
inner join Automovil A on A.idAutomovil= AxS.idAutomovil
inner join TipoAutomovil TA on TA.idTipoAutomovil = A.idTipoAutomovil
inner join TipoCombustible TC on TC.idTipoCombustible = A.idTipoCombustible
inner join CaracteristicasxAutomovil CA on A.idAutomovil= CA.idAutomovil
inner join Caracteristicas C on C.idCaracteristica = CA.idCaracteristica
where AxS.estado=0

if @idSucursal=2
Select placa, precioBase as precio, anno as año, color, marca, cantidadPasajeros, nPuertas, TA.tipo, TC.tipo as combustible
from [Sucursal_2].[dbo].AutomovilxSucursal AxS
inner join Automovil A on A.idAutomovil= AxS.idAutomovil
inner join TipoAutomovil TA on TA.idTipoAutomovil = A.idTipoAutomovil
inner join TipoCombustible TC on TC.idTipoCombustible = A.idTipoCombustible
inner join CaracteristicasxAutomovil CA on A.idAutomovil= CA.idAutomovil
inner join Caracteristicas C on C.idCaracteristica = CA.idCaracteristica
where AxS.estado=0

if @idSucursal=3
Select placa, precioBase as precio, anno as año, color, marca, cantidadPasajeros, nPuertas, TA.tipo, TC.tipo as combustible
from [Sucursal_3].[dbo].AutomovilxSucursal AxS
inner join Automovil A on A.idAutomovil= AxS.idAutomovil
inner join TipoAutomovil TA on TA.idTipoAutomovil = A.idTipoAutomovil
inner join TipoCombustible TC on TC.idTipoCombustible = A.idTipoCombustible
inner join CaracteristicasxAutomovil CA on A.idAutomovil= CA.idAutomovil
inner join Caracteristicas C on C.idCaracteristica = CA.idCaracteristica
where AxS.estado=0
end
```

Connected. (1/1) DESKTOP-SV37236\NATALIASQL ... sa (68) Fabrica 00:00:00 0 rows

## ○ Eliminar Automovil

SQLQuery22.sql - DESKTOP-SV37236\NATALIASQL.Fabrica (sa (81)) - Microsoft SQL Server Management Studio

```
GO
ALTER procedure [dbo].[eliminarAutomovil]
@idAutomovil int,
@sucursal int
as
begin
begin try
begin transaction
if exists (select idAutomovil from CaracteristicasxAutomovil where idAutomovil=@idAutomovil)
begin
delete from CaracteristicasxAutomovil
where idAutomovil = @idAutomovil
commit transaction
end
else
select('No existe caracteristicas relacionadas al auto')
commit transaction

if @sucursal=1
begin
if exists (select idAutomovil from Sucursal_1.dbo.AutomovilxSucursal where idAutomovil=@idAutomovil)
begin
begin transaction
delete from Sucursal_1.dbo.AutomovilxSucursal
where idAutomovil = @idAutomovil
commit transaction
end
else
select('No existe el auto en Sucursal 1')
end
end
```

Connected. (1/1) DESKTOP-SV37236\NATALIASQL ... sa (81) Fabrica 00:00:00 0 rows

## ○ Agregar Característica

```

USE [Fabrica]
GO
/*===== Object: StoredProcedure [dbo].[spAgregarCaracteristica] Script Date: 6/17/2019 9:29:21 PM =====*/
SET ANSI_NULLS ON
GO
SET QUOTED_IDENTIFIER ON
GO

ALTER procedure [dbo].[spAgregarCaracteristica] @color varchar(20), @marca varchar(20), @cantidadPasajeros int, @nPuertas int
as
BEGIN
    BEGIN TRY
        BEGIN TRANSACTION
            insert into Caracteristicas(color,marca,cantidadPasajeros,nPuertas)
            values(@color,@marca,@cantidadPasajeros,@nPuertas);
        COMMIT
    END TRY
    BEGIN CATCH
        declare @errorMsg varchar(100) = (select ERROR_MESSAGE())
        print('ERROR: '+@errorMsg)
        return -1@ErrorMsg
    END CATCH
END

```

## ○ Modificar Característica

```

USE [Fabrica]
GO
/*===== Object: StoredProcedure [dbo].[modificarCaracteristica] Script Date: 6/17/2019 9:30:00 PM =====*/
SET ANSI_NULLS ON
GO
SET QUOTED_IDENTIFIER ON
GO

ALTER procedure [dbo].[modificarCaracteristica]
@idCaracteristica int,
@color varchar(20)=null,
@marca varchar(20)=null,
@cantidadPasajeros int = null,
@nPuertas int = null
as
begin
    begin transaction
        update Caracteristicas
        set color = isnull(@color,color), marca = isnull(@marca,marca), cantidadPasajeros = isnull(@cantidadPasajeros,cantidadPasajeros),
        nPuertas = isnull(@nPuertas,nPuertas)
        where idCaracteristica = @idCaracteristica
    commit transaction
end

```

## ○ Ver Característica

```

USE [Fabrica]
GO
create procedure [dbo].[verCaracteristicas]
as
begin
    begin transaction
        select idcaracteristica,color, marca, cantidadPasajeros, nPuertas
        from Caracteristicas
    commit transaction
end

```

- CRUD Precios por extras

- Modificar Extra

```

USE [Fabrica]
GO
/*===== Object: StoredProcedure [dbo].[modificarExtra] Script Date: 6/17/2019 9:31:33 PM =====*/
SET ANSI_NULLS ON
GO
SET QUOTED_IDENTIFIER ON
GO
ALTER procedure [dbo].[modificarExtra]
@idExtra int,
@nombre varchar(20) = null,
@precio money=null
as
begin
    begin transaction
        update Extra
        set nombre = isnull(@nombre,nombre),precio=isnull(@precio,precio)
        where idExtra = @idExtra
    commit transaction
end

```

- Agregar Extra

```

USE [Fabrica]
GO
/*===== Object: StoredProcedure [dbo].[spAgregarExtra] Script Date: 6/17/2019 9:32:53 PM =====*/
SET ANSI_NULLS ON
GO
SET QUOTED_IDENTIFIER ON
GO

ALTER procedure [dbo].[spAgregarExtra] @nombre varchar(20), @precio money
as
BEGIN
    BEGIN TRY
        BEGIN TRANSACTION
            insert into Extra(nombre,precio)
            values(@nombre,@precio);
        COMMIT
    END TRY
    BEGIN CATCH
        declare @errorMsg varchar(100) = (select ERROR_MESSAGE())
        print('ERROR:' + @errorMsg)
        return -1
    END CATCH
END

```

## ○ Ver Extras

```

USE [Fabrica]
GO
/*===== Object: StoredProcedure [dbo].[verExtrasAutosDisponibles] Script Date: 6/17/2019 9:33:32 PM =====*/
SET ANSI_NULLS ON
GO
SET QUOTED_IDENTIFIER ON
GO
ALTER procedure [dbo].[verExtrasAutosDisponibles](@idAutomovil int)
as
BEGIN
    Select nombre, precio
    from ExtraxAutomovil EX
    inner join Extra E on E.idExtra= EX.idExtra
    where idAutomovil=@idAutomovil
END

```

## CRUD Comision

### ○ Ver Comision

```

USE [Fabrica]
GO
/*===== Object: StoredProcedure [dbo].[verComision] Script Date: 6/17/2019 9:34:36 PM =====*/
SET ANSI_NULLS ON
GO
SET QUOTED_IDENTIFIER ON
GO
ALTER procedure [dbo].[verComision]
@idCliente int=null,
@idAutomovil int =null
as
begin
    begin transaction
    select * from comision where idCliente=isnull(@idCliente,idCliente) and idAutomovil=isnull(@idAutomovil,idAutomovil)
    commit transaction
end

```

## ○ Agregar Comisión

```

USE [Fabrica]
GO
/*===== Object: StoredProcedure [dbo].[spAgregarComision] Script Date: 6/17/2019 9:35:07 PM =====*/
SET ANSI_NULLS ON
GO
SET QUOTED_IDENTIFIER ON
GO
ALTER procedure [dbo].[spAgregarComision]
@idCliente int,
@idAutomovil int,
@comision money =null
as
begin
    begin transaction
    insert into Comision(idCliente,idAutomovil,comision)values(@idCliente,@idAutomovil,isnull(@comision,0))
    select('Agregado')
    commit transaction
end

```

## ○ Modificar Comisión

```

USE [Fabrica]
GO
/*===== Object: StoredProcedure [dbo].[modificarComision] Script Date: 6/17/2019 9:35:32 PM =====*/
SET ANSI_NULLS ON
GO
SET QUOTED_IDENTIFIER ON
GO
ALTER procedure [dbo].[modificarComision]
@idAutomovil int,
@IdCliente int =null,
@comision money =null
as
begin
    begin transaction
    update comision
    set idCliente=isnull(@idCliente,idCliente).comision=isnull(@comision,comision)
    where idAutomovil=@idAutomovil
    commit transaction
end

```

## ○ Eliminar Comision

```

USE [Fabrica]
GO
/*===== Object: StoredProcedure [dbo].[eliminarComision] Script Date: 6/17/2019 9:36:06 PM =====*/
SET ANSI_NULLS ON
GO
SET QUOTED_IDENTIFIER ON
GO
ALTER procedure [dbo].[eliminarComision]
@idComision int
as
begin
    begin transaction
    delete from comision
    where idComision=@idComision
    commit transaction
end

```

## CRUD Empleado:

### ○ Agregar Empleado:

SQLQuery23.sql - DESKTOP-SV37236\NATALIASQL.Fabrica (sa (83)) - Microsoft SQL Server Management Studio

```

File Edit View Query Project Debug Tools Window Help
File Connect New Query Object Explorer Tools Window Help
Fabrica Execute Debug SQLQuery23.sql - DE...L.Fabrica (sa (83)) SQLQuery22.sql - DE...L.Fabrica (sa (81)) SQLQuery21.sql - DE...L.Fabrica (sa (72))
Object Explorer
Connect + X
[+] dbo.modificarCaracteristica
[+] dbo.modificarCliente
[+] dbo.modificarComision
[+] dbo.modificarEmpleadoFabrica
[+] dbo.modificarExtra
[+] dbo.modificarFabrica
[+] dbo.modificarFoto
[+] dbo.pedirFabrica
[+] dbo.pedirFinanciamiento
[+] dbo.realizarPedidoSucursal1
[+] dbo.realizarPedidoSucursal2
[+] dbo.realizarPedidoSucursal3
[+] dbo.realizarPedidoSucursal4
[+] dbo.realizarPedidoSucursal5
[+] dbo.realizarPedidoSucursal6
[+] dbo.realizarPedidoSucursal7
[+] dbo.realizarPedidoSucursal8
[+] dbo.realizarPedidoSucursal9
[+] dbo.realizarPedidoSucursal10
[+] dbo.realizarPedidoSucursal11
[+] dbo.sp.ConsignarCarro
[+] dbo.sp.AgregarAutomovil
[+] dbo.sp.AgregarCaracteristica
[+] dbo.sp.AgregarComision
[+] dbo.sp.AgregarEmpleadoFabrica
[+] dbo.sp.AgregarExtra
[+] dbo.sp.AgregarTipoAutomovil
[+] dbo.sp.AgregarTipoCombustible
[+] dbo.sp.ConsultarDescuento10
[+] dbo.sp.ConsultarPrecioAutomovil
[+] dbo.sp.ConsultarPrecioExtra
[+] dbo.sp.VerAutoNoSalidaSucursal
[+] dbo.venderCarro
[+] dbo.ventas
[+] dbo.verAutosDisponibles
[+] dbo.verAutosDisponiblesGlobales
[+] dbo.verAutosDisponiblesLocales
[+] dbo.verCaracteristicas
[+] dbo.verComision
[+] dbo.verEmpleadosSucursal
[+] dbo.verExtrasAutosDisponibles
[+] dbo.verFotosAutosDisponibles
[+] dbo.verHorarioSucursal
[+] Functions
[+] Database Triggers
[+] Assemblies

```

```

USE [Fabrica]
GO
/*===== Object: StoredProcedure [dbo].[spAgregarEmpleadoFabrica] Script Date: 6/17/2019 9:38:41 PM =====*/
SET ANSI_NULLS ON
GO
SET QUOTED_IDENTIFIER ON
GO
ALTER procedure [dbo].[spAgregarEmpleadoFabrica]
@nombre varchar(20),
@cedula int,
@telefono int,
@email varchar(20)
as
begin
begin transaction
insert into EmpleadoFabrica(nombre,cedula,telefono,email)values(@nombre,@cedula,@telefono,@email)
commit transaction
end

```

100 % Connected. (1/1)

DESKTOP-SV37236\NATALIASQL ... sa (83) Fabrica 00:00:00 0 rows

Ready Ln 1 Col 1 Ch 1 INS

R^ ^ H ENG 9:38 PM 6/17/2019

## ○ Ver Empleados

SQLQuery24.sql - DESKTOP-SV37236\NATALIASQL.Fabrica (sa (85)) - Microsoft SQL Server Management Studio

```

File Edit View Query Project Debug Tools Window Help
File Connect New Query Object Explorer Tools Window Help
Fabrica Execute Debug SQLQuery24.sql - DE...L.Fabrica (sa (85)) SQLQuery23.sql - DE...L.Fabrica (sa (83)) SQLQuery22.sql - DE...L.Fabrica (sa (81))
Object Explorer
Connect + X
[+] dbo.realizarPedidoSucursal1
[+] dbo.realizarPedidoSucursal2
[+] dbo.realizarPedidoSucursal3
[+] dbo.realizarPedidoSucursal4
[+] dbo.realizarPedidoSucursal5
[+] dbo.realizarPedidoSucursal6
[+] dbo.realizarPedidoSucursal7
[+] dbo.realizarPedidoSucursal8
[+] dbo.realizarPedidoSucursal9
[+] dbo.realizarPedidoSucursal10
[+] dbo.realizarPedidoSucursal11
[+] dbo.sp.ConsignarCarro
[+] dbo.sp.AgregarAutomovil
[+] dbo.sp.AgregarCaracteristica
[+] dbo.sp.AgregarComision
[+] dbo.sp.AgregarEmpleadoFabrica
[+] dbo.sp.AgregarExtra
[+] dbo.sp.AgregarTipoAutomovil
[+] dbo.sp.AgregarTipoCombustible
[+] dbo.sp.ConsultarDescuento10
[+] dbo.sp.ConsultarPrecioAutomovil
[+] dbo.sp.ConsultarPrecioExtra
[+] dbo.sp.VerAutoNoSalidaSucursal
[+] dbo.venderCarro
[+] dbo.ventas
[+] dbo.verAutosDisponibles
[+] dbo.verAutosDisponiblesGlobales
[+] dbo.verCaracteristicas
[+] dbo.verComision
[+] dbo.verEmpleadosSucursal
[+] dbo.verExtrasAutosDisponibles
[+] dbo.verFotosAutosDisponibles
[+] dbo.verHorarioSucursal
[+] Functions
[+] Database Triggers
[+] Assemblies

```

```

USE [Fabrica]
GO
/*===== Object: StoredProcedure [dbo].[verEmpleadosSucursal] Script Date: 6/17/2019 9:39:46 PM =====*/
SET ANSI_NULLS ON
GO
SET QUOTED_IDENTIFIER ON
GO
ALTER procedure [dbo].[verEmpleadosSucursal] (@idSucursal int)
as
begin
if @idSucursal=1
Select nombre, apellido1, apellido2 from [Sucursal_1].[dbo].[Empleado]
if @idSucursal=2
Select nombre, apellido1, apellido2 from [Sucursal_2].[dbo].[Empleado]
if @idSucursal=3
Select nombre, apellido1, apellido2 from [Sucursal_3].[dbo].[Empleado]
END

```

100 % Connected. (1/1)

DESKTOP-SV37236\NATALIASQL ... sa (85) Fabrica 00:00:00 0 rows

Ready Ln 1 Col 1 Ch 1 INS

R^ ^ H ENG 9:39 PM 6/17/2019

## ○ Modificar Empleado

SQLQuery25.sql - DESKTOP-SV37236\NATALIASQL.Fabrica (sa (86)) - Microsoft SQL Server Management Studio

```

USE [Fabrica]
GO
/*===== Object: StoredProcedure [dbo].[modificarEmpleadoFabrica] Script Date: 6/17/2019 9:40:13 PM =====*/
SET ANSI_NULLS ON
GO
SET QUOTED_IDENTIFIER ON
GO
ALTER procedure [dbo].[modificarEmpleadoFabrica]
@idFabrica int,
@nombre varchar(20)=null,
@cedula int = null,
@telefono int = null,
@email varchar(20)=null
as
begin
    begin transaction
    update EmpleadoFabrica
    set nombre = isnull(@nombre,nombre), cedula = isnull(@cedula,cedula), telefono = isnull(@telefono,telefono), email=isnull(@email,email)
    where idFabrica = @idFabrica
    commit transaction
end

```

Connected. (1/1) DESKTOP-SV37236\NATALIASQL ... sa (86) Fabrica 00:00:00 0 rows

## Vender Carro:

SQLQuery26.sql - DESKTOP-SV37236\NATALIASQL.Fabrica (sa (87)) - Microsoft SQL Server Management Studio

```

GO
ALTER procedure [dbo].[venderCarro]
@idAutomovil int,
@IdCliente int,
@sucursal int,
@idTipoPago int,
@financiamiento bit,
@plazo int = null
as
begin
    declare @precioBase money,@precioExtras money,@precioTotal money,@descuento int
    if @sucursal = 1
        begin
            set @precioBase = isnull((select Automovil.precioBase from Automovil inner join Sucursal_1.dbo.AutomovilxSucursal AxS on Automovil.idAutomovil = AxS.idAutomovil where AxS.estado = 0 and AxS.idSucursal = @idSucursal),0)
            if @precioBase = 0
                begin
                    declare @errorMsg varchar(100)
                    print('ERROR: '+@errorMsg)
                    return -1@ERROR
                end
            else
                print 'Precio Base:' + cast(@precioBase as varchar(30))
                select 'Precio Base:' + cast(@precioBase as varchar(30))
                exec @precioExtras = calcularExtras @idAutomovil
                print 'Precio Extras:' + cast(@precioExtras as varchar(30))
                select 'Precio Extras:' + cast(@precioExtras as varchar(30))
                exec @descuento = spConsultarDescuento10P @idCliente = @idCliente,@idSucursal = @sucursal
                print 'Descuento:' + cast(@descuento as varchar(30))
                select 'Descuento:' + cast(@descuento as varchar(30))
                if @descuento = 1
                    begin
                        begin transaction

```

Connected. (1/1) DESKTOP-SV37236\NATALIASQL ... sa (87) Fabrica 00:00:00 0 rows

SQLQuery26.sql - DESKTOP-SV37236\NATALIASQL.Fabrica (sa (87)) - Microsoft SQL Server Management Studio

File Edit View Project Debug Tools Window Help

New Query Execute Debug Generic Debugger

Object Explorer

Connect to... Fabrica

SQLQuery26.sql - DE...L.Fabrica (sa (87)) × SQLQuery25.sql - DE...L.Fabrica (sa (86)) SQLQuery24.sql - DE...L.Fabrica (sa (85)) SQLQuery23.sql - DE...L.Fabrica (sa (83))

```
if @descuento = 1
begin
begin transaction
set @precioTotal = (@precioBase+@precioExtras)-((@precioBase+@precioExtras)*0.10)
insert into Sucursal_1.dbo.Venta(fecha,monto,idTipoPago)values(GETDATE(),@precioTotal,@idTipoPago)
print 'Precio Total:'+cast(@precioTotal as varchar(30))
select 'Precio Total:'+cast(@precioTotal as varchar(30))
commit transaction
end
else
begin
begin transaction
set @precioTotal = (@precioBase+@precioExtras)
insert into Sucursal_1.dbo.Venta(fecha,monto,idTipoPago)values(GETDATE(),@precioTotal,@idTipoPago)
print 'Precio Total:'+cast(@precioTotal as varchar(30))
select 'Precio Total:'+cast(@precioTotal as varchar(30))
commit transaction

begin transaction
insert into Sucursal_1.dbo.VentaxCliente(idCliente,idVenta)values(@idCliente,IDENT_CURRENT('Sucursal_1.dbo.Venta'))
commit transaction

begin transaction
declare @idAutxSuc int
set @idAutxSuc = (select AxS.idAutomovilxSucursal from Sucursal_1.dbo.AutomovilxSucursal AxS where AxS.idAutomovil=@idAutomovil)
insert into Sucursal_1.dbo.AutxSucxVentxCli(idVentaxCliente,idAutomovilxSucursal)values(IDENT_CURRENT('Sucursal_1.dbo.VentaxCliente'),@idAutxSuc)
commit transaction

begin transaction
update Sucursal_1.dbo.AutomovilxSucursal
set estado = 1
where Sucursal_1.dbo.AutomovilxSucursal.idAutomovilxSucursal = @idAutxSuc
commit transaction
```

SQLQuery26.sql - DESKTOP-SV37236\NATALIASQL.Fabrica (sa (87)) - Microsoft SQL Server Management Studio

File Edit View Query Project Debug Tools Window Help

New Query Execute Debug ✓ SQLQuery25.sql - DE...L.Fabrica (sa (86)) SQLQuery24.sql - DE...L.Fabrica (sa (85)) SQLQuery23.sql - DE...L.Fabrica (sa (83))

Object Explorer

Connect + Fabrica

dbo.spAgrega...  
dbo.spAgrega...  
dbo.spAgrega...  
dbo.spAgrega...  
dbo.spAgrega...  
dbo.spAgrega...  
dbo.spAgrega...  
dbo.spAgrega...  
dbo.spConsult...  
dbo.spConsult...  
dbo.spConsult...  
dbo.spVerAutc...  
dbo.venderCai...  
dbo.ventas...  
dbo.verAutosE...  
dbo.verAutosC...  
dbo.verCaract...  
dbo.verComisi...  
dbo.verEmpleo...  
dbo.verExtrasA...  
dbo.verFotosA...  
dbo.verHorario...  
Functions  
Database Triggers  
Assemblies  
Types  
Rules  
Defaults  
Plan Guides  
Sequences  
Service Broker

SQLQuery26.sql - DE...L.Fabrica (sa (87))

```
select ('Venta Registrada!')  
end  
else  
if @sucursal = 2  
begin  
set @precioBase = isnull((select Automovil.precioBase from Automovil inner join Sucursal_2.dbo.AutomovilxSucursal AxS on Automovil.idAutomovil = AxS.idAutomovil where AxS.estado = 0),0)  
if @precioBase = 0  
begin  
declare @errorMsg2 varchar(100) = 'El carro no existe en la sucursal'  
print('ERROR:' +@errorMsg2)  
return -1 +@ERROR  
end  
else  
print 'Precio Base:' +cast(@precioBase as varchar(30))  
select 'Precio Base:' +cast(@precioBase as varchar(30))  
exec @precioExtras = calcularExtras @idAutomovil = @idAutomovil  
print 'Precio Extras:' +cast(@precioExtras as varchar(30))  
select 'Precio Extras:' +cast(@precioExtras as varchar(30))  
exec @descuento = spConsultarDescuento10P @idCliente = @idCliente, @idSucursal = @sucursal  
print 'Descuento:' +cast(@descuento as varchar(30))  
select 'Descuento:' +cast(@descuento as varchar(30))  
if @descuento = 1  
begin  
begin transaction  
set @precioTotal = (@precioBase+@precioExtras)-((@precioBase+@precioExtras)*0.10)  
insert into Sucursal_2.dbo.Venta(fecha, monto, idTipoPago) values (GETDATE(), @precioTotal, @idTipoPago)  
print 'Precio Total:' +cast(@precioTotal as varchar(30))  
select 'Precio Total:' +cast(@precioTotal as varchar(30))  
commit transaction  
end  
else  
begin transaction
```

SQLQuery26.sql - DESKTOP-SV37236\NATALIASQL.Fabrica (sa (87)) - Microsoft SQL Server Management Studio

```

    end
else
begin transaction
set @precioTotal = (@precioBase+@precioExtras)
insert into Sucursal_2.dbo.Venta(fecha,monto,idTipoPago)values(GETDATE(),@precioTotal,@idTipoPago)
print 'Precio Total:'+cast(@precioTotal as varchar(30))
select 'Precio Total:'+cast(@precioTotal as varchar(30))
commit transaction

begin transaction
insert into Sucursal_2.dbo.Venta(fecha,monto,idTipoPago)values(GETDATE(),@precioTotal,@idTipoPago)
commit transaction

begin transaction
insert into Sucursal_2.dbo.VentaxCliente(idCliente,idVenta)values(@idCliente,IDENT_CURRENT('Sucursal_2.dbo.VentaxCliente'))
commit transaction

begin transaction
declare @idAutxSuc2 int
set @idAutxSuc2 = (select AxS.idAutomovilxSucursal from Sucursal_2.dbo.AutomovilxSucursal AxS where AxS.idAutomovil=@idAutomovil)
insert into Sucursal_2.dbo.AutxSucxVentxCli(idVentaCliente,idAutomovilxSucursal)values(IDENT_CURRENT('Sucursal_2.dbo.VentaxCliente'),@idAutxSuc2)
commit transaction

begin transaction
update Sucursal_2.dbo.AutomovilxSucursals
set estado = 1
where Sucursal_2.dbo.AutomovilxSucursals.idAutomovilxSucursal = @idAutxSuc
commit transaction

select ('Venta Registrada!')
end
else
begin transaction
select ('Venta Registrada!')
end

```

DESKTOP-SV37236\NATALIASQL ... sa (87) Fabrica | 00:00:00 | 0 rows

Ready Ln 88 Col 13 Ch 4 INS

Connected. (1/1)

100 %

File Edit View Query Project Debug Tools Window Help

New Query Execute Debug SQL Object Explorer

Fabrica

Quick Launch (Ctrl+Q)

SQLQuery26.sql - DESKTOP-SV37236\NATALIASQL.Fabrica (sa (87)) - Microsoft SQL Server Management Studio

```

    select ('Venta Registrada!')
end
else
if @sucursal = 3
begin
set @precioBase = isnull((select Automovil.precioBase from Automovil inner join Sucursal_3.dbo.AutomovilxSucursal AxS on Automovil.idAutomovil
                           where AxS.estado = 0),0)
if @precioBase = 0
begin
declare @errorMsg3 varchar(100) = 'El carro no existe en la sucursal'
print '@ERROR:' + @errorMsg3
return -1 * @ERROR
end
else
begin
print 'Precio Base:' + cast(@precioBase as varchar(30))
select 'Precio Base:' + cast(@precioBase as varchar(30))
exec @precioExtras = calcularExtras @idAutomovil = @idAutomovil
print 'Precio Extras:' + cast(@precioExtras as varchar(30))
select 'Precio Extras:' + cast(@precioExtras as varchar(30))
exec @descuento = spConsultarDescuentoID @idCliente = @idCliente, @idSucursal = @sucursal
print 'Descuento:' + cast(@descuento as varchar(30))
select 'Descuento:' + cast(@descuento as varchar(30))
if @descuento = 1
begin
begin transaction
set @precioTotal = (@precioBase+@precioExtras)-((@precioBase+@precioExtras)*0.10)
insert into Sucursal_3.dbo.Venta(fecha,monto,idTipoPago)values(GETDATE(),@precioTotal,@idTipoPago)
print 'Precio Total:' + cast(@precioTotal as varchar(30))
select 'Precio Total:' + cast(@precioTotal as varchar(30))
commit transaction
end
else
begin transaction
set @precioTotal = (@precioBase+@precioExtras)-((@precioBase+@precioExtras)*0.10)
insert into Sucursal_3.dbo.Venta(fecha,monto,idTipoPago)values(GETDATE(),@precioTotal,@idTipoPago)
print 'Precio Total:' + cast(@precioTotal as varchar(30))
select 'Precio Total:' + cast(@precioTotal as varchar(30))
commit transaction
end
end

```

DESKTOP-SV37236\NATALIASQL ... sa (87) Fabrica | 00:00:00 | 0 rows

Ready Ln 121 Col 17 Ch 5 INS

Connected. (1/1)

100 %

File Edit View Query Project Debug Tools Window Help

New Query Execute Debug SQL Object Explorer

Fabrica

Quick Launch (Ctrl+Q)

SQLQuery26.sql - DESKTOP-SV37236\NATALIASQL.Fabrica (sa (87)) - Microsoft SQL Server Management Studio

```

File Edit View Query Project Debug Tools Window Help
New Query Execute Debug SQLQuery25.sql - DE...L.Fabrica (sa (86)) SQLQuery24.sql - DE...L.Fabrica (sa (85)) SQLQuery23.sql - DE...L.Fabrica (sa (83))
Fabrica Generic Debugger
Object Explorer
Connect
Fabrica
dbo.spAgrega
dbo.spAgrega
dbo.spAgrega
dbo.spAgrega
dbo.spAgrega
dbo.spAgrega
dbo.spAgrega
dbo.spAgrega
dbo.spConsult
dbo.spConsult
dbo.spConsult
dbo.spVerAut
dbo.spVenderC
dbo.ventas
dbo.verAutos
dbo.verAutos
dbo.verCaract
dbo.verComisi
dbo.verEmple
dbo.verExtrasA
dbo.verFotosA
dbo.verHorario
Functions
Database Triggers
Assemblies
Types
Rules
Defaults
Plan Guides
Sequences
Service Broker
SQLQuery26.sql - DE...L.Fabrica (sa (87)) + SQLQuery25.sql - DE...L.Fabrica (sa (86)) SQLQuery24.sql - DE...L.Fabrica (sa (85)) SQLQuery23.sql - DE...L.Fabrica (sa (83))
commit transaction
end
else
begin transaction
set @precioTotal = (@precioBase+@precioExtras)
insert into Sucursal_3.dbo.Venta(fecha, monto, idTipoPago) values(GETDATE(), @precioTotal, @idTipoPago)
print 'Precio Total:' + cast(@precioTotal as varchar(30))
select 'Precio Total:' + cast(@precioTotal as varchar(30))
commit transaction

begin transaction
insert into Sucursal_3.dbo.VentaxCliente(idCliente, idVenta) values(@idCliente, IDENT_CURRENT('Sucursal_3.dbo.Venta'))
commit transaction

begin transaction
declare @idAutxSuc3 int
set @idAutxSuc3 = (select AxS.idAutomovilxSucursal from Sucursal_3.dbo.AutomovilxSucursal AxS where AxS.idAutomovil=@idAutomovil)
insert into Sucursal_3.dbo.AutxSucxVentxCli(idVentaCliente, idAutomovilxSucursal) values(IDENT_CURRENT('Sucursal_3.dbo.VentaxCliente'))
commit transaction

begin transaction
update Sucursal_3.dbo.AutomovilxSucursal
set estado = 1
where Sucursal_3.dbo.AutomovilxSucursal.idAutomovilxSucursal = @idAutxSuc
commit transaction
select ('Venta Registrada!')

end
if @financiamiento = 1
begin
declare @res varchar(150)
exec @res = pedirFinanciamiento @idCliente = @idCliente, @plazo = @plazo, @idAutomovil = @idAutomovil, @idSucursal = @sucursal
end

```

Connected. (1/1)

DESKTOP-SV37236\NATALIASQL ... sa (87) Fabrica 00:00:00 0 rows

Ready Ln 157 Col 13 Ch 4 INS

R ^ < > ⌂ ⌂ ENG 9:42 PM 6/17/2019

SQLQuery26.sql - DESKTOP-SV37236\NATALIASQL.Fabrica (sa (87)) - Microsoft SQL Server Management Studio

```

File Edit View Query Project Debug Tools Window Help
New Query Execute Debug SQLQuery25.sql - DE...L.Fabrica (sa (86)) SQLQuery24.sql - DE...L.Fabrica (sa (85)) SQLQuery23.sql - DE...L.Fabrica (sa (83))
Fabrica Generic Debugger
Object Explorer
Connect
Fabrica
dbo.spAgrega
dbo.spAgrega
dbo.spAgrega
dbo.spAgrega
dbo.spAgrega
dbo.spAgrega
dbo.spAgrega
dbo.spAgrega
dbo.spConsult
dbo.spConsult
dbo.spConsult
dbo.spVenderC
dbo.ventas
dbo.verAutos
dbo.verAutos
dbo.verCaract
dbo.verComisi
dbo.verEmple
dbo.verExtrasA
dbo.verFotosA
dbo.verHorario
Functions
Database Triggers
Assemblies
Types
Rules
Defaults
Plan Guides
Sequences
Service Broker
SQLQuery26.sql - DE...L.Fabrica (sa (87)) + SQLQuery25.sql - DE...L.Fabrica (sa (86)) SQLQuery24.sql - DE...L.Fabrica (sa (85)) SQLQuery23.sql - DE...L.Fabrica (sa (83))
where Sucursal_3.dbo.AutomovilxSucursal = @idAutxSuc
commit transaction
select ('Venta Registrada!')

end

if @financiamiento = 1
begin
declare @res varchar(150)
exec @res = pedirFinanciamiento @idCliente = @idCliente, @plazo = @plazo, @idAutomovil = @idAutomovil, @idSucursal = @sucursal
select @res
end
else
select 'No se solicito financiamiento'

declare @consignado bit
set @consignado=(select consignacion from Automovil where idAutomovil=@idAutomovil)

if @consignado = 1
begin
declare @comision money
set @comision=@precioTotal*0.2
exec modificarComision @idAutomovil=@idAutomovil, @comision=@comision
end

```

Connected. (1/1)

DESKTOP-SV37236\NATALIASQL ... sa (87) Fabrica 00:00:00 0 rows

Ready Ln 177 Col 5 Ch 2 INS

R ^ < > ⌂ ⌂ ENG 9:42 PM 6/17/2019

## Consultar Autos Mas vendidos

```

USE [Fabrica]
GO
/*===== Object: StoredProcedure [dbo].[masVendidosGlobal] Script Date: 6/17/2019 9:43:16 PM =====*/
SET ANSI_NULLS ON
GO
SET QUOTED_IDENTIFIER ON
GO
ALTER procedure [dbo].[masVendidosGlobal]
as
begin
    create table #ventas1(marca varchar(50),cantidad int)
    insert into #ventas1
    exec Sucursal_1.dbo.masVendidosSucursal

    insert into #ventas1
    exec Sucursal_2.dbo.masVendidosSucursal

    insert into #ventas1
    exec Sucursal_3.dbo.masVendidosSucursal

    select marca,sum(cantidad) as cantidad from #ventas1
    group by marca
    order by marca DESC

    drop table #ventas1
end

```

## Consultar Autos que no tienen salida

```

SET ANSI_NULLS ON
GO
SET QUOTED_IDENTIFIER ON
GO
ALTER procedure [dbo].[spVerAutoNoSalidaXSucursal] @idSucursal int
as
BEGIN TRY
    if (@idSucursal = 1)
        Select CA.idcaracteristica from CaracteristicasxAutomovil CA
        inner join Sucursal_1.dbo.AutomovilesSucursals ASuc
        on CA.idAutomovil = ASuc.idAutomovil and ASuc.estado = 0
        where ASuc.idAutomovilxSucursal not in (select idAutomovilxSucursal from Sucursal_1.dbo.AutoxSucxVentaxCli)
    else if (@idSucursal = 2)
        Select CA.idcaracteristica from CaracteristicasxAutomovil CA
        inner join Sucursal_2.dbo.AutomovilesSucursals ASuc
        on CA.idAutomovil = ASuc.idAutomovil and ASuc.estado = 0
        where ASuc.idAutomovilxSucursal not in (select idAutomovilxSucursal from Sucursal_2.dbo.AutoxSucxVentaxCli)
    else if (@idSucursal = 3)
        Select CA.idcaracteristica from CaracteristicasxAutomovil CA
        inner join Sucursal_3.dbo.AutomovilesSucursals ASuc
        on CA.idAutomovil = ASuc.idAutomovil and ASuc.estado = 0
        where ASuc.idAutomovilxSucursal not in (select idAutomovilxSucursal from Sucursal_3.dbo.AutoxSucxVentaxCli)
END TRY
BEGIN CATCH
    declare @errorMsg varchar(100) = (select ERROR_MESSAGE())
    print('ERROR:' + @errorMsg)
    return -1 * @errorMsg
END CATCH

```

## Consultar Descuento

SQLQuery30.sql - DESKTOP-SV37236\NATALIASQL.Fabrica (sa (92)) - Microsoft SQL Server Management Studio

```

GO
ALTER procedure [dbo].[spConsultarDescuento10P] @idCliente int, @idSucursal int
as
BEGIN TRY
    declare @countFecha int;
    if (@idSucursal = 1)
        set @countFecha = (Select count (V.fecha) from Sucursal_1.dbo.Venta V
                           inner join Sucursal_1.dbo.VentaxCliente VC
                           on @idCliente = VC.idCliente
                           where VC.idVenta = V.idVenta and V.fecha >= DATEADD(year,-5,GETDATE()));

    if(@countFecha >= 3)
        return 1;
    else
        return 0;
    if (@idSucursal = 2)
        set @countFecha = (Select count (V.fecha) from Sucursal_2.dbo.Venta V
                           inner join Sucursal_2.dbo.VentaxCliente VC
                           on @idCliente = VC.idCliente
                           where VC.idVenta = V.idVenta and V.fecha >= DATEADD(year,-5,GETDATE()));

    if(@countFecha >= 3)
        return 1;
    else
        return 0;
    if (@idSucursal = 3)
        set @countFecha = (Select count (V.fecha) from Sucursal_3.dbo.Venta V
                           inner join Sucursal_3.dbo.VentaxCliente VC
                           on @idCliente = VC.idCliente
                           where VC.idVenta = V.idVenta and V.fecha >= DATEADD(year,-5,GETDATE()));
END TRY
BEGIN CATCH
    SELECT ERROR_MESSAGE();
END CATCH

```

Connected. (1/1)

DESKTOP-SV37236\NATALIASQL ... sa (92) Fabrica | 00:00:00 | 0 rows

Ready Col 1 Ch 1 INS

9:44 PM 6/17/2019

## Consignar Carro

SQLQuery31.sql - DESKTOP-SV37236\NATALIASQL.Fabrica (sa (93)) - Microsoft SQL Server Management Studio

```

GO
ALTER procedure [dbo].[sp_ConsignarCarro] @idSucursal int, @idTipoAutomovil int, @idTipoCombustible int, @placa varchar(20), @precioBase money, @anno int, @cantidadPasajeros int, @Puertas int, @idCliente int
as
begin
    begin try
        declare @idCaracteristica int, @idAutomovil int
        begin transaction
            Insert into Automovil(idTipoAutomovil, idTipoCombustible, placa, precioBase, consignacion, anno)
            values(@idTipoAutomovil, @idTipoCombustible, @placa, @precioBase, 1, @anno)
        commit transaction
        set @idAutomovil = IDENT_CURRENT('Automovil')
        begin transaction
            Insert into Caracteristicas(color, marca, cantidadPasajeros, nPuertas)
            values(@color, @marca, @cantidadPasajeros, @nPuertas)
        commit transaction
        set @idCaracteristica = IDENT_CURRENT('Caracteristicas')
        begin transaction
            Insert into CaracteristicasAutomovil(idCaracteristica, idAutomovil)
            values(@idCaracteristica, @idAutomovil)
        commit transaction
        begin transaction
            insert into comision(idCliente, idAutomovil, comision)values(@idCliente, @idAutomovil, 0)
        commit transaction
        if @idSucursal=1
            begin transaction
                Insert into Sucursal_1.dbo.AutomovilxSucursal(idAutomovil, idSucursal)
                values(@idAutomovil, @idSucursal)
            commit transaction
        if @idSucursal=2
            begin transaction
                Insert into Sucursal_2.dbo.AutomovilxSucursal(idAutomovil, idSucursal)
                values (@idAutomovil, @idSucursal)
            commit transaction
    end try
    begin catch
        SELECT ERROR_MESSAGE();
    end catch

```

Connected. (1/1)

DESKTOP-SV37236\NATALIASQL ... sa (93) Fabrica | 00:00:00 | 0 rows

Ready Col 1 Ch 1 INS

9:45 PM 6/17/2019

## Pedir Financiamiento:

SQLQuery32.sql - DESKTOP-SV37236\NATALIASQL.Fabrica (sa (69)) - Microsoft SQL Server Management Studio

```

GO
ALTER procedure [dbo].[pedirFinanciamiento]
@idCliente int,
@plazo int,
@idAutomovil int,
@idSucursal int
as
begin
    declare @tasa float,@totalCompra money,@prima money
    if @plazo <= 24
        set @tasa = 0.08
    else
        set @tasa = 0.05
    if @idSucursal < 1
        begin
            set @totalCompra = (select monto from Sucursal_1.dbo.Venta v inner join Sucursal_1.dbo.VentaxCliente VxC on VxC.idVenta=v.idVenta
inner join Sucursal_1.dbo.AutxSuctxVntxCli asvc on asvc.idVentaxCliente = VxC.idVentaxCliente inner join Sucursal_1.dbo.AutomovilxSucursal
on AxS.idAutomovilxSucursal = asvc.idAutomovilxSucursal
where AxS.idAutomovil = @idAutomovil)

            begin transaction
            insert into Sucursal_1.dbo.Financiamiento(tasaInteres,plazo,prima)values(@tasa,@plazo,@totalCompra*.20)
            commit transaction

            begin transaction
            insert into Sucursal_1.dbo.ClientexFinanciamiento(idCliente,idFinanciamiento)values(@idCliente,IDENT_CURRENT('Financiamiento'))
            commit transaction
        end
    else
        if @idSucursal = 2
            begin

```

Connected. (1/1)

DESKTOP-SV37236\NATALIASQL ... sa (69) Fabrica 00:00:00 0 rows

Ln 1 Col 1 Ch 1 INS

Ready

File Edit View Query Project Debug Tools Window Help

New Query Execute Debug Quick Launch (Ctrl+Q) Generic Debugger

Object Explorer

Fabrica

File Edit View Query Project Debug Tools Window Help

New Query Execute Debug Quick Launch (Ctrl+Q) Generic Debugger

Object Explorer

Fabrica

SQLQuery32.sql - DESKTOP-SV37236\NATALIASQL.Fabrica (sa (69)) - Microsoft SQL Server Management Studio

```

else
    if @idSucursal = 2
        begin
            set @totalCompra = (select monto from Sucursal_2.dbo.Venta v inner join Sucursal_2.dbo.VentaxCliente VxC on VxC.idVenta=v.idVenta
inner join Sucursal_2.dbo.AutxSuctxVntxCli asvc on asvc.idVentaxCliente = VxC.idVentaxCliente inner join Sucursal_2.dbo.AutomovilxSucursal
on AxS.idAutomovilxSucursal = asvc.idAutomovilxSucursal
where AxS.idAutomovil = @idAutomovil)

            begin transaction
            insert into Sucursal_2.dbo.Financiamiento(tasaInteres,plazo,prima)values(@tasa,@plazo,@totalCompra*.20)
            commit transaction

            begin transaction
            insert into Sucursal_2.dbo.ClientexFinanciamiento(idFinanciamiento,idCliente)values(@idCliente,IDENT_CURRENT('Financiamiento'))
            commit transaction
        end
    else
        if @idSucursal = 3
            begin
                set @totalCompra = (select monto from Sucursal_3.dbo.Venta v inner join Sucursal_3.dbo.VentaxCliente VxC on VxC.idVenta=v.idVenta
inner join Sucursal_3.dbo.AutxSuctxVntxCli asvc on asvc.idVentaxCliente = VxC.idVentaxCliente inner join Sucursal_3.dbo.AutomovilxSucursal
on AxS.idAutomovilxSucursal = asvc.idAutomovilxSucursal
where AxS.idAutomovil = @idAutomovil)

                begin transaction
                insert into Sucursal_3.dbo.Financiamiento(tasaInteres,plazo,prima)values(@tasa,@plazo,@totalCompra*.20)
                commit transaction

                begin transaction
                insert into Sucursal_3.dbo.ClientexFinanciamiento(idFinanciamiento,idCliente)values(@idCliente,IDENT_CURRENT('Financiamiento'))
                commit transaction
            end
            declare @mensual money,@total money,@intereses money
            set @mensual = @totalcompra/CONVERT(decimal(4,2), @plazo)
            set @intereses = @mensual*@tasa

```

Connected. (1/1)

DESKTOP-SV37236\NATALIASQL ... sa (69) Fabrica 00:00:00 0 rows

Ln 1 Col 1 Ch 1 INS

Ready

File Edit View Query Project Debug Tools Window Help

New Query Execute Debug Quick Launch (Ctrl+Q) Generic Debugger

Object Explorer

Fabrica

SQLQuery32.sql - DESKTOP-SV37236\NATALIASQL.Fabrica (sa (69)) - Microsoft SQL Server Management Studio

File Edit View Query Project Debug Tools Window Help

Fabrika

Object Explorer

SQLQuery32.sql - DE...L.Fabrica (sa (69)) + SQLQuery31.sql - DE...L.Fabrica (sa (93)) SQLQuery30.sql - DE...L.Fabrica (sa (92)) SQLQuery29.sql - DE...L.Fabrica (sa (91))

```
insert into Sucursal_2.dbo.Financiamiento(tasaInteres,plazo,prima)values(@tasa,@plazo,@totalCompra*.20)
begin transaction
commit transaction
insert into Sucursal_2.dbo.ClientexFinanciamiento(idFinanciamiento,idCliente)values(@idCliente,IDENT_CURRENT('Financiamiento'))
commit transaction
end
else
if @idSucursal =3
begin
set @totalCompra = (select monto from Sucursal_3.dbo.Venta v inner join Sucursal_3.dbo.VentaxCliente VxC on VxC.idVenta=v.idVenta
inner join Sucursal_3.dbo.AutSucxVentaCli asvc on asvc.idVentaCliente = VxC.idVentaCliente inner join Sucursal_3.dbo.Automovil
on Asv.idAutomovilSucursal = asvc.idAutomovilxSucursal
where Asv.idAutomovil = @idAutomovil)

begin transaction
insert into Sucursal_3.dbo.Financiamiento(tasaInteres,plazo,prima)values(@tasa,@plazo,@totalCompra*.20)
commit transaction
begin transaction
insert into Sucursal_3.dbo.ClientexFinanciamiento(idFinanciamiento,idCliente)values(@idCliente,IDENT_CURRENT('Financiamiento'))
commit transaction
end
declare @mensual money,@total money,@intereses money
set @mensual = @totalCompra/CONVERT(decimal(4,2),@plazo)
set @intereses = @mensual*@tasa
set @total = @mensual+@intereses
declare @resultado varchar(150)
set @resultado = 'Su financiamiento se otorgo con los siguientes datos.'+CHAR(13)+CHAR(10)+cast(@totalCompra*.20 as varchar(50))
+CHAR(13)+CHAR(10)+'Plazo:' +cast(@plazo as varchar(50))+CHAR(13)+CHAR(10)+'Mensualidad:' +cast(@mensual as varchar(50))+CHAR(13)+CHAR(10)+'Total:' +cast(@total as varchar(50))
+CHAR(13)+CHAR(10)+'Intereses:' +cast(@intereses as varchar(50))+CHAR(13)+CHAR(10)+cast(@total as varchar(50))

select (@resultado)
```

Ready

100 % 1/1

Connected. (1/1)

DESKTOP-SV37236\NATALIASQL ... sa (69) Fabrica | 00:00:00 | 0 rows

Ln 79 Col 1 Ch 1 INS

R^ A ^ D ^ ENG 9:46 PM 6/17/2019