SENA

Centro De Electricidad Electrónica Y Telecomunicaciones (CEET)

JUNIO,2021

BOGOTA D.C

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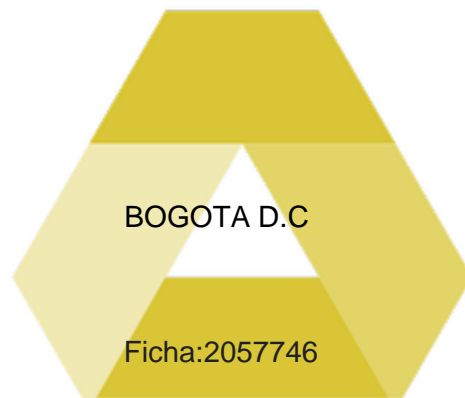
CARBOGRES SAS

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Tecnólogo Análisis Y Desarrollo De Sistemas De Información

```sql
USE [master]
GO
/****** Object:  Database [CARBOGRES12]    Script Date: 28/06/2021 10:23:32 a. m. ******/
CREATE DATABASE [CARBOGRES12]
 CONTAINMENT = NONE
 ON PRIMARY
( NAME = N'CARBOGRES12', FILENAME = N'C:\Program Files\Microsoft SQL
Server\MSSQL15.SQLEXPRESS01\MSSQL\DATA\CARBOGRES12.mdf' , SIZE = 8192KB , MAXSIZE = UNLIMITED,
FILEGROWTH = 65536KB )
 LOG ON
( NAME = N'CARBOGRES12_log', FILENAME = N'C:\Program Files\Microsoft SQL
Server\MSSQL15.SQLEXPRESS01\MSSQL\DATA\CARBOGRES12_log.ldf' , SIZE = 8192KB , MAXSIZE = 2048GB ,
FILEGROWTH = 65536KB )
 WITH CATALOG_COLLATION = DATABASE_DEFAULT
GO
ALTER DATABASE [CARBOGRES12] SET COMPATIBILITY_LEVEL = 150
GO
IF (1 = FULLTEXTSERVICEPROPERTY('IsFullTextInstalled'))
begin
EXEC [CARBOGRES12].[dbo].[sp_fulltext_database] @action = 'enable'
end
GO
ALTER DATABASE [CARBOGRES12] SET ANSI_NULL_DEFAULT OFF
GO
ALTER DATABASE [CARBOGRES12] SET ANSI_NULLS OFF
GO
ALTER DATABASE [CARBOGRES12] SET ANSI_PADDING OFF
GO
ALTER DATABASE [CARBOGRES12] SET ANSI_WARNINGS OFF
GO
ALTER DATABASE [CARBOGRES12] SET ARITHABORT OFF
GO
ALTER DATABASE [CARBOGRES12] SET AUTO_CLOSE OFF
GO
ALTER DATABASE [CARBOGRES12] SET AUTO_SHRINK OFF
GO
ALTER DATABASE [CARBOGRES12] SET AUTO_UPDATE_STATISTICS ON
GO
ALTER DATABASE [CARBOGRES12] SET CURSOR_CLOSE_ON_COMMIT OFF
GO
ALTER DATABASE [CARBOGRES12] SET CURSOR_DEFAULT GLOBAL
GO
ALTER DATABASE [CARBOGRES12] SET CONCAT_NULL_YIELDS_NULL OFF
GO
ALTER DATABASE [CARBOGRES12] SET NUMERIC_ROUNDABORT OFF
GO
ALTER DATABASE [CARBOGRES12] SET QUOTED_IDENTIFIER OFF
GO
ALTER DATABASE [CARBOGRES12] SET RECURSIVE_TRIGGERS OFF
GO
ALTER DATABASE [CARBOGRES12] SET DISABLE_BROKER
GO
ALTER DATABASE [CARBOGRES12] SET AUTO_UPDATE_STATISTICS_ASYNC OFF
GO
ALTER DATABASE [CARBOGRES12] SET DATE_CORRELATION_OPTIMIZATION OFF
GO
ALTER DATABASE [CARBOGRES12] SET TRUSTWORTHY OFF
GO
ALTER DATABASE [CARBOGRES12] SET ALLOW_SNAPSHOT_ISOLATION OFF
GO
ALTER DATABASE [CARBOGRES12] SET PARAMETERIZATION SIMPLE
GO
ALTER DATABASE [CARBOGRES12] SET READ_COMMITTED_SNAPSHOT OFF
GO
ALTER DATABASE [CARBOGRES12] SET HONOR_BROKER_PRIORITY OFF
GO
ALTER DATABASE [CARBOGRES12] SET RECOVERY SIMPLE
GO
ALTER DATABASE [CARBOGRES12] SET MULTI_USER
GO
ALTER DATABASE [CARBOGRES12] SET PAGE_VERIFY CHECKSUM
GO
ALTER DATABASE [CARBOGRES12] SET DB_CHAINING OFF
GO
ALTER DATABASE [CARBOGRES12] SET FILESTREAM( NON_TRANSACTED_ACCESS = OFF )
GO
ALTER DATABASE [CARBOGRES12] SET TARGET_RECOVERY_TIME = 60 SECONDS
GO
ALTER DATABASE [CARBOGRES12] SET DELAYED_DURABILITY = DISABLED
GO
ALTER DATABASE [CARBOGRES12] SET QUERY_STORE = OFF
```

```sql
GO
USE [CARBOGRES12]
GO
/****** Object:  Table [dbo].[Bodega]    Script Date: 28/06/2021 10:23:33 a. m. ******/
SET ANSI_NULLS ON
GO
SET QUOTED_IDENTIFIER ON
GO
CREATE TABLE [dbo].[Bodega](
	[ID_Reparto] [int] NOT NULL,
	[Id_PRoducto] [varchar](50) NOT NULL,
	[Cantidad] [varchar](50) NOT NULL,
	[T_material] [varchar](50) NOT NULL,
	[Id_cliente] [varchar](50) NOT NULL,
	[Id_Pedido] [nchar](10) NULL,
 CONSTRAINT [PK_Bodega] PRIMARY KEY CLUSTERED
(
	[Id_PRoducto] ASC
)WITH (PAD_INDEX = OFF, STATISTICS_NORECOMPUTE = OFF, IGNORE_DUP_KEY = OFF, ALLOW_ROW_LOCKS = ON,
ALLOW_PAGE_LOCKS = ON, OPTIMIZE_FOR_SEQUENTIAL_KEY = OFF) ON [PRIMARY]
) ON [PRIMARY]
GO
/****** Object:  Table [dbo].[Cliente]    Script Date: 28/06/2021 10:23:33 a. m. ******/
SET ANSI_NULLS ON
GO
SET QUOTED_IDENTIFIER ON
GO
CREATE TABLE [dbo].[Cliente](
	[Id_Cliente] [int] NOT NULL,
	[Nombre] [varchar](50) NOT NULL,
	[Apellido] [varchar](50) NOT NULL,
	[Direccion] [varchar](50) NOT NULL,
 CONSTRAINT [PK_Cliente] PRIMARY KEY CLUSTERED
(
	[Nombre] ASC
)WITH (PAD_INDEX = OFF, STATISTICS_NORECOMPUTE = OFF, IGNORE_DUP_KEY = OFF, ALLOW_ROW_LOCKS = ON,
ALLOW_PAGE_LOCKS = ON, OPTIMIZE_FOR_SEQUENTIAL_KEY = OFF) ON [PRIMARY]
) ON [PRIMARY]
GO
/****** Object:  Table [dbo].[Material]    Script Date: 28/06/2021 10:23:33 a. m. ******/
SET ANSI_NULLS ON
GO
SET QUOTED_IDENTIFIER ON
GO
CREATE TABLE [dbo].[Material](
	[Fecha] [varchar](50) NOT NULL,
	[Hora] [varchar](50) NOT NULL,
	[NPedido] [varchar](50) NOT NULL,
	[Vehiculo] [varchar](50) NOT NULL,
	[Observaciones] [varchar](50) NOT NULL,
	[FMaterial] [varchar](50) NOT NULL,
 CONSTRAINT [PK_Material] PRIMARY KEY CLUSTERED
(
	[NPedido] ASC
)WITH (PAD_INDEX = OFF, STATISTICS_NORECOMPUTE = OFF, IGNORE_DUP_KEY = OFF, ALLOW_ROW_LOCKS = ON,
ALLOW_PAGE_LOCKS = ON, OPTIMIZE_FOR_SEQUENTIAL_KEY = OFF) ON [PRIMARY]
) ON [PRIMARY]
GO
/****** Object:  Table [dbo].[MaterialSal]    Script Date: 28/06/2021 10:23:33 a. m. ******/
SET ANSI_NULLS ON
GO
SET QUOTED_IDENTIFIER ON
GO
CREATE TABLE [dbo].[MaterialSal](
	[Fecha] [varchar](50) NOT NULL,
	[Hora] [varchar](50) NOT NULL,
	[Materiales] [varchar](50) NOT NULL,
	[Cantidad] [int] NOT NULL,
	[Vehiculo] [varchar](50) NOT NULL,
	[Observaciones] [varchar](50) NOT NULL,
	[Obras] [varchar](50) NOT NULL,
 CONSTRAINT [PK_MaterialSal] PRIMARY KEY CLUSTERED
(
	[Materiales] ASC
)WITH (PAD_INDEX = OFF, STATISTICS_NORECOMPUTE = OFF, IGNORE_DUP_KEY = OFF, ALLOW_ROW_LOCKS = ON,
ALLOW_PAGE_LOCKS = ON, OPTIMIZE_FOR_SEQUENTIAL_KEY = OFF) ON [PRIMARY]
) ON [PRIMARY]
GO
/****** Object:  Table [dbo].[Pedido]    Script Date: 28/06/2021 10:23:33 a. m. ******/
SET ANSI_NULLS ON
GO
SET QUOTED_IDENTIFIER ON
GO
```

```
CREATE TABLE [dbo].[Pedido](
        [ID_cliente] [nchar](10) NOT NULL,
        [Id_Pedido] [nchar](10) NOT NULL,
        [cantidad] [varchar](50) NOT NULL,
        [T_material] [varchar](50) NOT NULL,
 CONSTRAINT [PK_Pedido] PRIMARY KEY CLUSTERED
(
        [cantidad] ASC
)WITH (PAD_INDEX = OFF, STATISTICS_NORECOMPUTE = OFF, IGNORE_DUP_KEY = OFF, ALLOW_ROW_LOCKS = ON,
ALLOW_PAGE_LOCKS = ON, OPTIMIZE_FOR_SEQUENTIAL_KEY = OFF) ON [PRIMARY]
) ON [PRIMARY]
GO
/****** Object:  Table [dbo].[Personal]    Script Date: 28/06/2021 10:23:33 a. m. ******/
SET ANSI_NULLS ON
GO
SET QUOTED_IDENTIFIER ON
GO
CREATE TABLE [dbo].[Personal](
        [Nombre] [varchar](50) NOT NULL,
        [Apellido] [varchar](50) NOT NULL,
        [Cedula] [varchar](50) NOT NULL,
        [Cargo] [varchar](50) NOT NULL,
 CONSTRAINT [PK_Personal] PRIMARY KEY CLUSTERED
(
        [Cedula] ASC
)WITH (PAD_INDEX = OFF, STATISTICS_NORECOMPUTE = OFF, IGNORE_DUP_KEY = OFF, ALLOW_ROW_LOCKS = ON,
ALLOW_PAGE_LOCKS = ON, OPTIMIZE_FOR_SEQUENTIAL_KEY = OFF) ON [PRIMARY]
) ON [PRIMARY]
GO
/****** Object:  Table [dbo].[Poducto]    Script Date: 28/06/2021 10:23:33 a. m. ******/
SET ANSI_NULLS ON
GO
SET QUOTED_IDENTIFIER ON
GO
CREATE TABLE [dbo].[Poducto](
        [Id_Producto] [int] NOT NULL,
        [Nombre_Pro] [varchar](50) NOT NULL,
        [cantidad] [varchar](50) NOT NULL,
        [T_Material] [varchar](50) NOT NULL,
        [N_Producto] [varchar](50) NOT NULL,
 CONSTRAINT [PK_Poducto] PRIMARY KEY CLUSTERED
(
        [Nombre_Pro] ASC
)WITH (PAD_INDEX = OFF, STATISTICS_NORECOMPUTE = OFF, IGNORE_DUP_KEY = OFF, ALLOW_ROW_LOCKS = ON,
ALLOW_PAGE_LOCKS = ON, OPTIMIZE_FOR_SEQUENTIAL_KEY = OFF) ON [PRIMARY]
) ON [PRIMARY]
GO
/****** Object:  Table [dbo].[Proveedor]    Script Date: 28/06/2021 10:23:33 a. m. ******/
SET ANSI_NULLS ON
GO
SET QUOTED_IDENTIFIER ON
GO
CREATE TABLE [dbo].[Proveedor](
        [Id_Proovedor] [int] NOT NULL,
        [Nombre_P] [varchar](50) NOT NULL,
        [T_Producto] [varchar](50) NOT NULL,
        [Cantidad] [varchar](50) NOT NULL,
 CONSTRAINT [PK_Proveedor] PRIMARY KEY CLUSTERED
(
        [Nombre_P] ASC
)WITH (PAD_INDEX = OFF, STATISTICS_NORECOMPUTE = OFF, IGNORE_DUP_KEY = OFF, ALLOW_ROW_LOCKS = ON,
ALLOW_PAGE_LOCKS = ON, OPTIMIZE_FOR_SEQUENTIAL_KEY = OFF) ON [PRIMARY]
) ON [PRIMARY]
GO
/****** Object:  Table [dbo].[Reparto]    Script Date: 28/06/2021 10:23:33 a. m. ******/
SET ANSI_NULLS ON
GO
SET QUOTED_IDENTIFIER ON
GO
CREATE TABLE [dbo].[Reparto](
        [ID_Reparto] [int] NOT NULL,
        [Id_PRoducto] [varchar](50) NOT NULL,
        [Cantidad] [varchar](50) NOT NULL,
        [T_material] [varchar](50) NOT NULL,
        [Id_cliente] [varchar](50) NOT NULL,
        [Id_Pedido] [nchar](10) NOT NULL,
        [ID_Reparto
Id_PRoducto
Cantidad
T_material
Id_cliente
Id_Pedido] [nchar](10) NOT NULL,
 CONSTRAINT [PK_Reparto] PRIMARY KEY CLUSTERED
```

```
(
        [Id_PRoducto] ASC
)WITH (PAD_INDEX = OFF, STATISTICS_NORECOMPUTE = OFF, IGNORE_DUP_KEY = OFF, ALLOW_ROW_LOCKS = ON,
ALLOW_PAGE_LOCKS = ON, OPTIMIZE_FOR_SEQUENTIAL_KEY = OFF) ON [PRIMARY]
) ON [PRIMARY]
GO
/****** Object:  Table [dbo].[Usuario]    Script Date: 28/06/2021 10:23:33 a. m. ******/
SET ANSI_NULLS ON
GO
SET QUOTED_IDENTIFIER ON
GO
CREATE TABLE [dbo].[Usuario](
        [Usuario] [varchar](50) NOT NULL,
        [Contrasena] [varbinary](130) NOT NULL,
 CONSTRAINT [PK_Usuario] PRIMARY KEY CLUSTERED
(
        [Usuario] ASC
)WITH (PAD_INDEX = OFF, STATISTICS_NORECOMPUTE = OFF, IGNORE_DUP_KEY = OFF, ALLOW_ROW_LOCKS = ON,
ALLOW_PAGE_LOCKS = ON, OPTIMIZE_FOR_SEQUENTIAL_KEY = OFF) ON [PRIMARY]
) ON [PRIMARY]
GO
/****** Object:  Table [dbo].[Vehiculo]    Script Date: 28/06/2021 10:23:33 a. m. ******/
SET ANSI_NULLS ON
GO
SET QUOTED_IDENTIFIER ON
GO
CREATE TABLE [dbo].[Vehiculo](
        [Vehiculo] [varchar](50) NOT NULL,
        [Placa] [varchar](50) NOT NULL,
        [Marca] [varchar](50) NOT NULL,
        [Color] [varchar](50) NOT NULL,
        [FotoVe] [varchar](50) NOT NULL,
 CONSTRAINT [PK_Vehiculo] PRIMARY KEY CLUSTERED
(
        [Placa] ASC
)WITH (PAD_INDEX = OFF, STATISTICS_NORECOMPUTE = OFF, IGNORE_DUP_KEY = OFF, ALLOW_ROW_LOCKS = ON,
ALLOW_PAGE_LOCKS = ON, OPTIMIZE_FOR_SEQUENTIAL_KEY = OFF) ON [PRIMARY]
) ON [PRIMARY]
GO
/****** Object:  Table [dbo].[Ventas]    Script Date: 28/06/2021 10:23:33 a. m. ******/
SET ANSI_NULLS ON
GO
SET QUOTED_IDENTIFIER ON
GO
CREATE TABLE [dbo].[Ventas](
        [Id_Ventas] [int] NOT NULL,
        [Cliente] [varchar](50) NOT NULL,
        [Vendedor] [varchar](50) NOT NULL,
        [Direccion] [varchar](50) NOT NULL,
        [Valor] [varchar](50) NOT NULL,
        [Material] [varchar](50) NOT NULL,
        [Cantidad] [int] NOT NULL,
        [Entrega] [varchar](50) NOT NULL,
 CONSTRAINT [PK_Ventas] PRIMARY KEY CLUSTERED
(
        [Cliente] ASC
)WITH (PAD_INDEX = OFF, STATISTICS_NORECOMPUTE = OFF, IGNORE_DUP_KEY = OFF, ALLOW_ROW_LOCKS = ON,
ALLOW_PAGE_LOCKS = ON, OPTIMIZE_FOR_SEQUENTIAL_KEY = OFF) ON [PRIMARY]
) ON [PRIMARY]
GO
SET ANSI_PADDING ON
GO
/****** Object:  Index [IX_Pedido]    Script Date: 28/06/2021 10:23:33 a. m. ******/
CREATE NONCLUSTERED INDEX [IX_Pedido] ON [dbo].[Pedido]
(
        [ID_cliente] ASC
)WITH (PAD_INDEX = OFF, STATISTICS_NORECOMPUTE = OFF, SORT_IN_TEMPDB = OFF, DROP_EXISTING = OFF,
ONLINE = OFF, ALLOW_ROW_LOCKS = ON, ALLOW_PAGE_LOCKS = ON, OPTIMIZE_FOR_SEQUENTIAL_KEY = OFF) ON
[PRIMARY]
GO
ALTER TABLE [dbo].[Bodega] WITH CHECK ADD CONSTRAINT [FK_Bodega_Pedido] FOREIGN KEY([Id_PRoducto])
REFERENCES [dbo].[Pedido] ([cantidad])
GO
ALTER TABLE [dbo].[Bodega] CHECK CONSTRAINT [FK_Bodega_Pedido]
GO
ALTER TABLE [dbo].[Bodega]  WITH CHECK ADD  CONSTRAINT [FK_Bodega_Poducto] FOREIGN
KEY([Id_PRoducto])
REFERENCES [dbo].[Poducto] ([Nombre_Pro])
GO
ALTER TABLE [dbo].[Bodega] CHECK CONSTRAINT [FK_Bodega_Poducto]
GO
ALTER TABLE [dbo].[Cliente] WITH CHECK ADD CONSTRAINT [FK_Cliente_Usuario] FOREIGN KEY([Nombre])
REFERENCES [dbo].[Usuario] ([Usuario])
```

```sql
GO
ALTER TABLE [dbo].[Cliente] CHECK CONSTRAINT [FK_Cliente_Usuario]
GO
ALTER TABLE [dbo].[Material] WITH CHECK ADD CONSTRAINT [FK_Material_Bodega] FOREIGN KEY([NPedido])
REFERENCES [dbo].[Bodega] ([Id_PRoducto])
GO
ALTER TABLE [dbo].[Material] CHECK CONSTRAINT [FK_Material_Bodega]
GO
ALTER TABLE [dbo].[Material] WITH CHECK ADD CONSTRAINT [FK_Material_MaterialSal] FOREIGN
KEY([NPedido])
REFERENCES [dbo].[MaterialSal] ([Materiales])
GO
ALTER TABLE [dbo].[Material] CHECK CONSTRAINT [FK_Material_MaterialSal]
GO
ALTER TABLE [dbo].[Pedido] WITH CHECK ADD CONSTRAINT [FK_Pedido_Cliente] FOREIGN KEY([cantidad])
REFERENCES [dbo].[Cliente] ([Nombre])
GO
ALTER TABLE [dbo].[Pedido] CHECK CONSTRAINT [FK_Pedido_Cliente]
GO
ALTER TABLE [dbo].[Pedido] WITH CHECK ADD CONSTRAINT [FK_Pedido_MaterialSal] FOREIGN
KEY([cantidad])
REFERENCES [dbo].[MaterialSal] ([Materiales])
GO
ALTER TABLE [dbo].[Pedido] CHECK CONSTRAINT [FK_Pedido_MaterialSal]
GO
ALTER TABLE [dbo].[Pedido] WITH CHECK ADD CONSTRAINT [FK_Pedido_Personal] FOREIGN KEY([cantidad])
REFERENCES [dbo].[Personal] ([Cedula])
GO
ALTER TABLE [dbo].[Pedido] CHECK CONSTRAINT [FK_Pedido_Personal]
GO
ALTER TABLE [dbo].[Personal] WITH CHECK ADD CONSTRAINT [FK_Personal_Proveedor] FOREIGN
KEY([Cedula])
REFERENCES [dbo].[Proveedor] ([Nombre_P])
GO
ALTER TABLE [dbo].[Personal] CHECK CONSTRAINT [FK_Personal_Proveedor]
GO
ALTER TABLE [dbo].[Personal] WITH CHECK ADD CONSTRAINT [FK_Personal_Usuario] FOREIGN KEY([Cedula])
REFERENCES [dbo].[Usuario] ([Usuario])
GO
ALTER TABLE [dbo].[Personal] CHECK CONSTRAINT [FK_Personal_Usuario]
GO
ALTER TABLE [dbo].[Proveedor] WITH CHECK ADD CONSTRAINT [FK_Proveedor_Poducto] FOREIGN
KEY([Nombre_P])
REFERENCES [dbo].[Poducto] ([Nombre_Pro])
GO
ALTER TABLE [dbo].[Proveedor] CHECK CONSTRAINT [FK_Proveedor_Poducto]
GO
ALTER TABLE [dbo].[Reparto] WITH CHECK ADD CONSTRAINT [FK_Reparto_Poducto] FOREIGN
KEY([Id_PRoducto])
REFERENCES [dbo].[Poducto] ([Nombre_Pro])
GO
ALTER TABLE [dbo].[Reparto] CHECK CONSTRAINT [FK_Reparto_Poducto]
GO
ALTER TABLE [dbo].[Reparto] WITH CHECK ADD CONSTRAINT [FK_Reparto_Vehiculo] FOREIGN
KEY([Id_PRoducto])
REFERENCES [dbo].[Vehiculo] ([Placa])
GO
ALTER TABLE [dbo].[Reparto] CHECK CONSTRAINT [FK_Reparto_Vehiculo]
GO
ALTER TABLE [dbo].[Ventas] WITH CHECK ADD CONSTRAINT [FK_Ventas_Personal] FOREIGN KEY([Cliente])
REFERENCES [dbo].[Personal] ([Cedula])
GO
ALTER TABLE [dbo].[Ventas] CHECK CONSTRAINT [FK_Ventas_Personal]
GO
ALTER TABLE [dbo].[Ventas] WITH CHECK ADD CONSTRAINT [FK_Ventas_Poducto] FOREIGN KEY([Cliente])
REFERENCES [dbo].[Poducto] ([Nombre_Pro])
GO
ALTER TABLE [dbo].[Ventas] CHECK CONSTRAINT [FK_Ventas_Poducto]
GO
ALTER TABLE [dbo].[Ventas] WITH CHECK ADD CONSTRAINT [FK_Ventas_Reparto] FOREIGN KEY([Cliente])
REFERENCES [dbo].[Reparto] ([Id_PRoducto])
GO
ALTER TABLE [dbo].[Ventas] CHECK CONSTRAINT [FK_Ventas_Reparto]
GO
USE [master]
GO
ALTER DATABASE [CARBOGRES12] SET READ_WRITE
GO
```