UNIVERSIDAD PERUANA LOS ANDES

FACULTAD DE INGENIERÍA

ESCUELA PROFESIONAL DE INGENIERÍA DE SISTEMAS Y COMPUTACIÓN

EXAMEN PARCIAL

CÁTEDRA: BASE DE DATOS II

PROFESOR: RAUL FERNADEZ BENJARANO

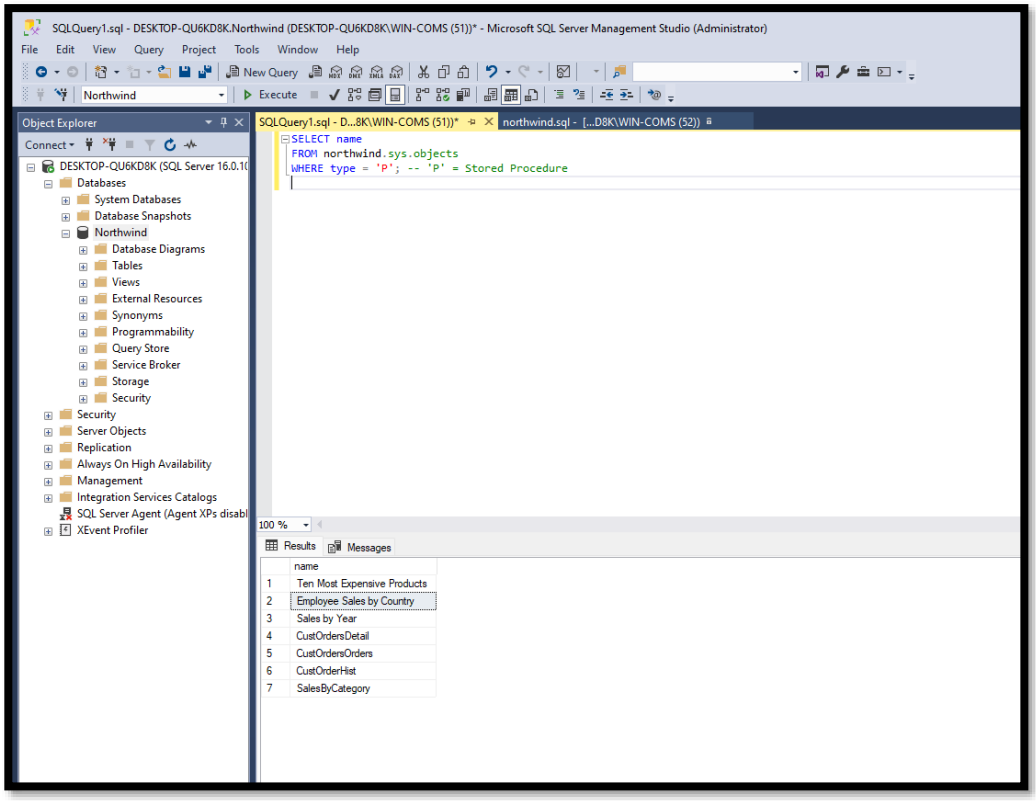
ESTUDIANTE: JINES TAPIA, Luis Antonio

Huancayo – Perú

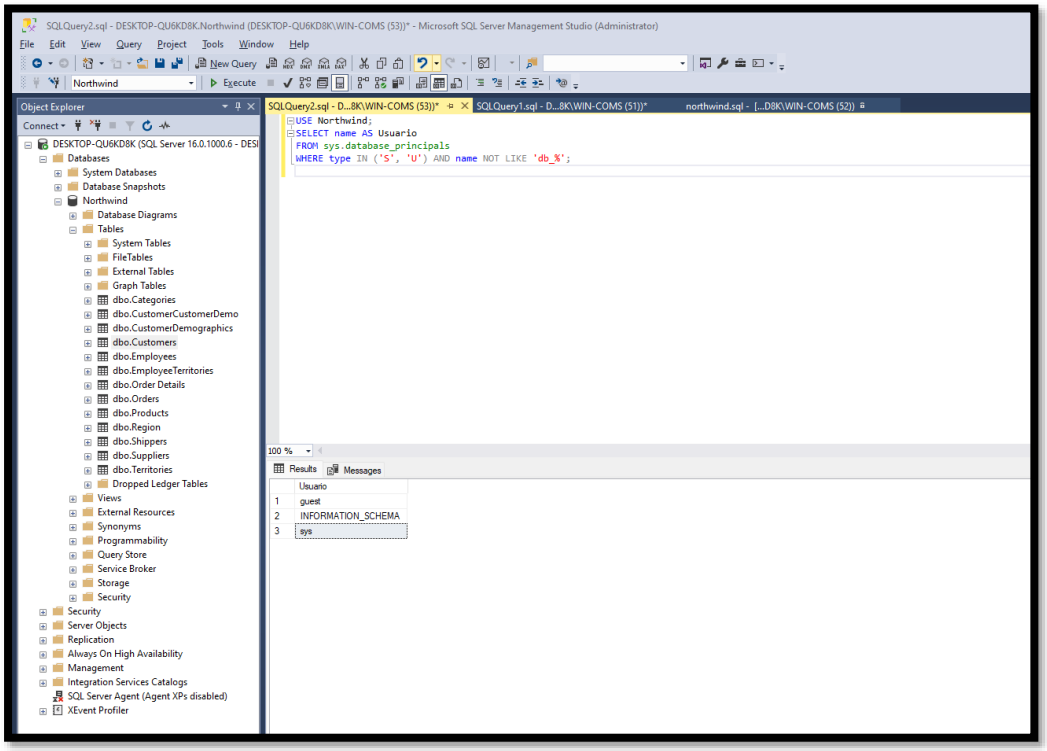
2025

1.- SESION 1

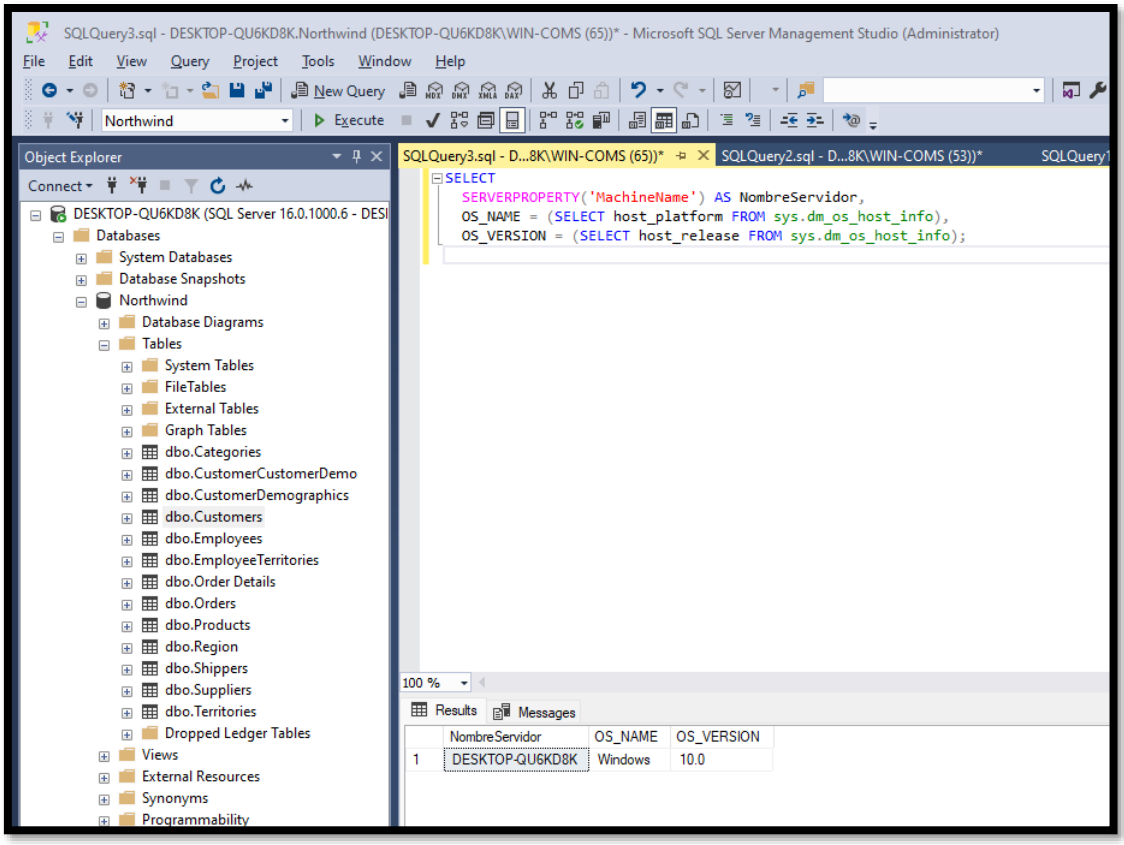
1.1



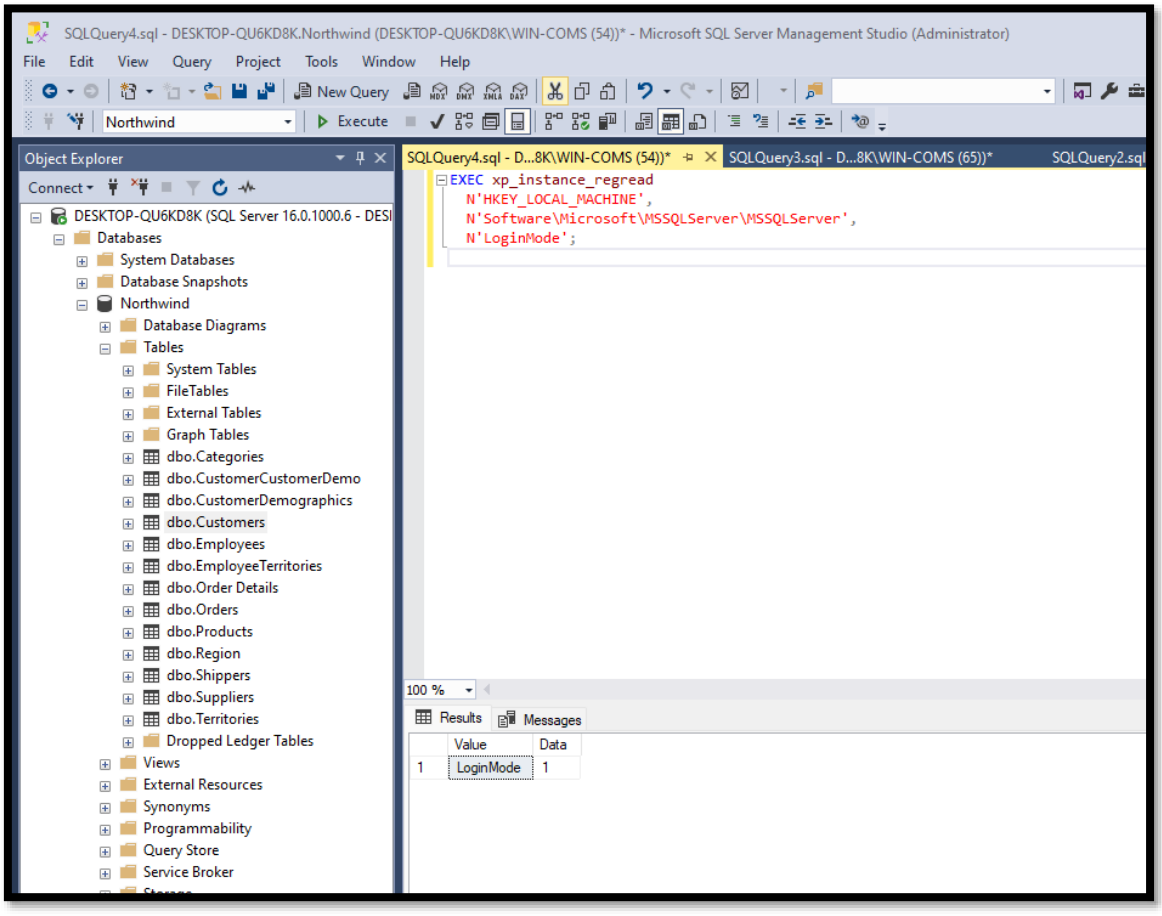
1.2



1.3


SQLQuery3.sql - DESKTOP-QU6KD8K.Northwind (DESKTOP-QU6KD8K\WIN-COMS (65))* - Microsoft SQL Server Management Studio (Administrator)
File Edit View Query Project Tools Window Help
New Query
Northwind
Execute
Object Explorer
Connect
DESKTOP-QU6KD8K (SQL Server 16.0.1000.6 - DESI
Databases
System Databases
Database Snapshots
Northwind
Database Diagrams
Tables
System Tables
FileTables
External Tables
Graph Tables
dbo.Categories
dbo.CustomerCustomerDemo
dbo.CustomerDemographics
dbo.Customers
dbo.Employees
dbo.EmployeeTerritories
dbo.Order Details
dbo.Orders
dbo.Products
dbo.Region
dbo.Shippers
dbo.Suppliers
dbo.Territories
Dropped Ledger Tables
Views
External Resources
Synonyms
Programmability
SQLQuery3.sql - D...8K\WIN-COMS (65))*
SQLQuery2.sql - D...8K\WIN-COMS (53))*
SELECT
SERVERPROPERTY('MachineName') AS NombreServidor,
OS_NAME = (SELECT host_platform FROM sys.dm_os_host_info),
OS_VERSION = (SELECT host_release FROM sys.dm_os_host_info);
100 %
Results
Messages
NombreServidor
OS_NAME
OS_VERSION
1
DESKTOP-QU6KD8K
Windows
10.0

1.4


SQLQuery4.sql - DESKTOP-QU6KD8K.Northwind (DESKTOP-QU6KD8K\WIN-COMS (54))* - Microsoft SQL Server Management Studio (Administrator)
File Edit View Query Project Tools Window Help
New Query
Northwind
Execute
Object Explorer
Connect
DESKTOP-QU6KD8K (SQL Server 16.0.1000.6 - DESI
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dbo.CustomerDemographics
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dbo.Orders
dbo.Products
dbo.Region
dbo.Shippers
dbo.Suppliers
dbo.Territories
Dropped Ledger Tables
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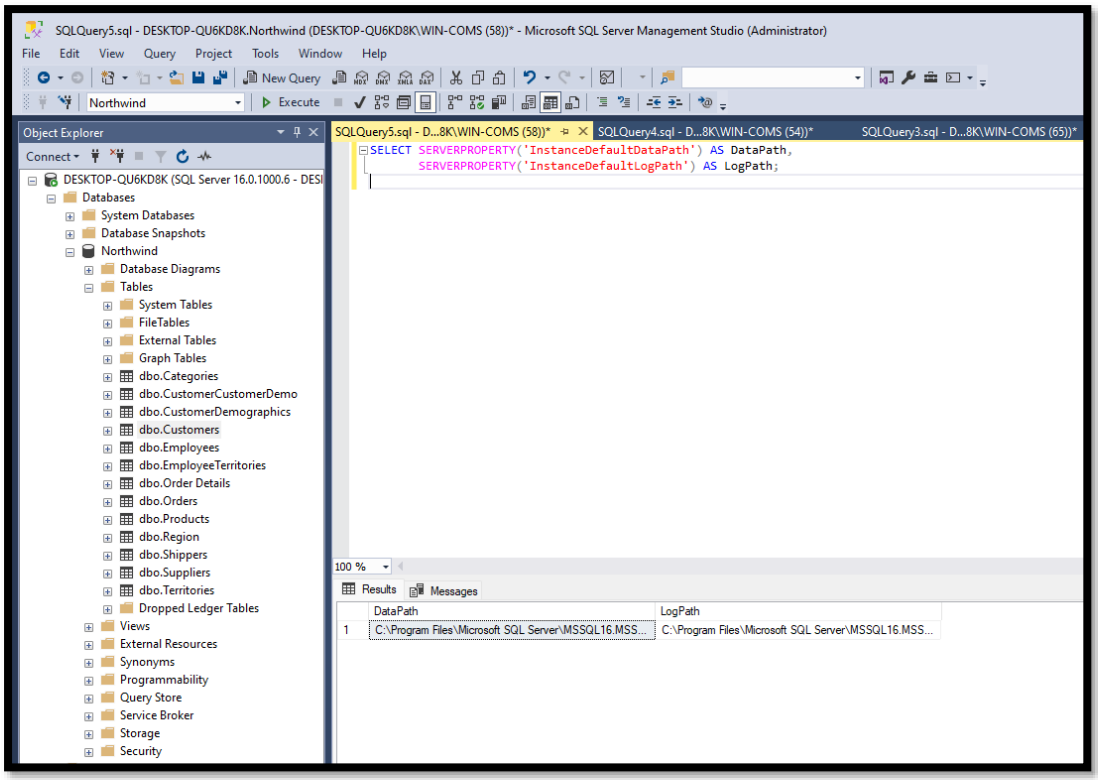
External Resources
Synonyms
Programmability
Query Store
Service Broker
SQLQuery4.sql - D...8K\WIN-COMS (54))*
SQLQuery3.sql - D...8K\WIN-COMS (65))*
SQLQuery2.sql
EXEC xp_instance_regread
N'HKEY_LOCAL_MACHINE',
N'Software\Microsoft\MSSQLServer\MSSQLServer',
N'LoginMode';
100 %
Results
Messages
Value
Data
1
LoginMode
1

1.5.


SQLQuery5.sql - DESKTOP-QU6KD8K.Northwind (DESKTOP-QU6KD8K\WIN-COMS (58))* - Microsoft SQL Server Management Studio (Administrator)
File Edit View Query Project Tools Window Help
New Query
Northwind
Execute
Object Explorer
Connect
DESKTOP-QU6KD8K (SQL Server 16.0.1000.6 - DESI
Databases
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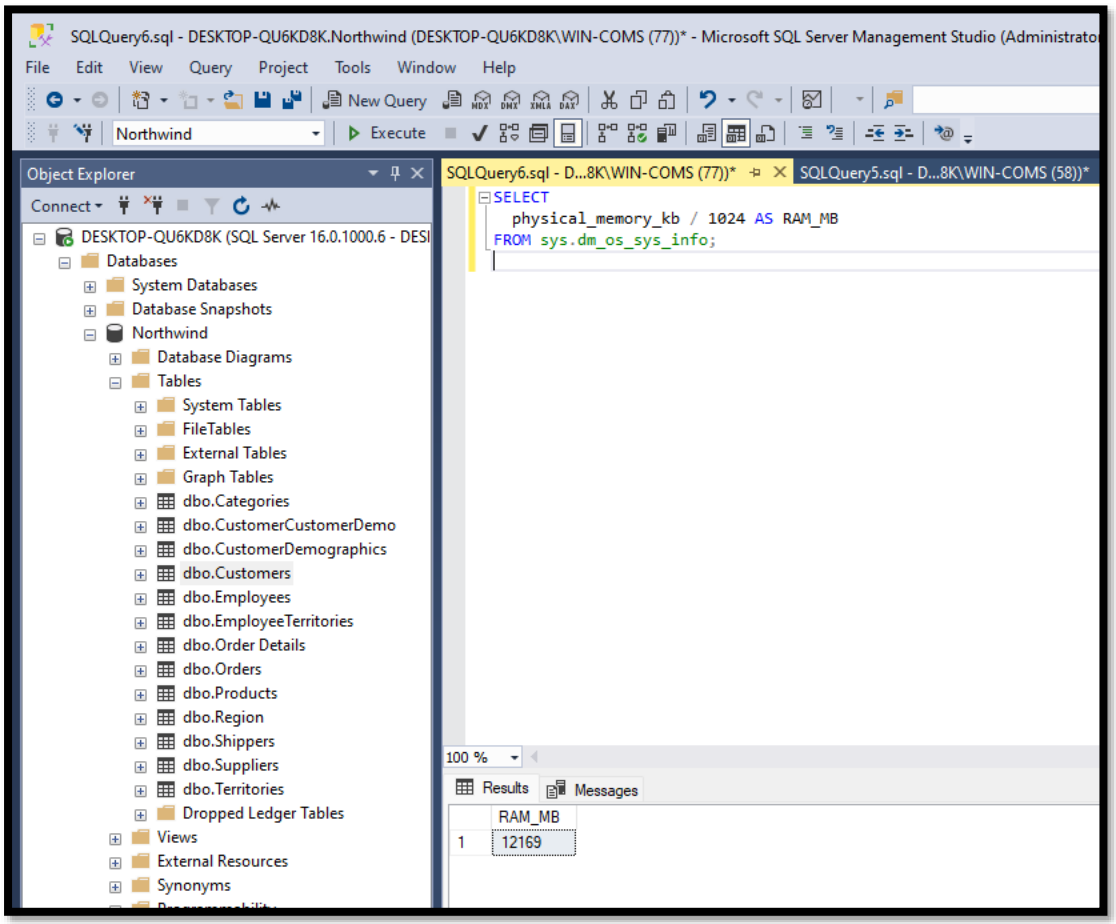
dbo.CustomerCustomerDemo
dbo.CustomerDemographics
dbo.Customers
dbo.Employees
dbo.EmployeeTerritories
dbo.Order Details
dbo.Orders
dbo.Products
dbo.Region
dbo.Shippers
dbo.Suppliers
dbo.Territories
Dropped Ledger Tables
Views
External Resources
Synonyms
Programmability
Query Store
Service Broker
Storage
Security
SQLQuery5.sql - D...8K\WIN-COMS (58))*
SQLQuery4.sql - D...8K\WIN-COMS (54))*
SQLQuery3.sql - D...8K\WIN-COMS (65))*
SELECT SERVERPROPERTY('InstanceDefaultDataPath') AS DataPath,
SERVERPROPERTY('InstanceDefaultLogPath') AS LogPath;
100 %
Results
Messages
DataPath
LogPath
1
C:\Program Files\Microsoft SQL Server\MSSQL16.MSS...
C:\Program Files\Microsoft SQL Server\MSSQL16.MSS...

1.6


SQLQuery6.sql - DESKTOP-QU6KD8K.Northwind (DESKTOP-QU6KD8K\WIN-COMS (77))* - Microsoft SQL Server Management Studio (Administrator)
File Edit View Query Project Tools Window Help
New Query
Northwind
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Object Explorer
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DESKTOP-QU6KD8K (SQL Server 16.0.1000.6 - DESI
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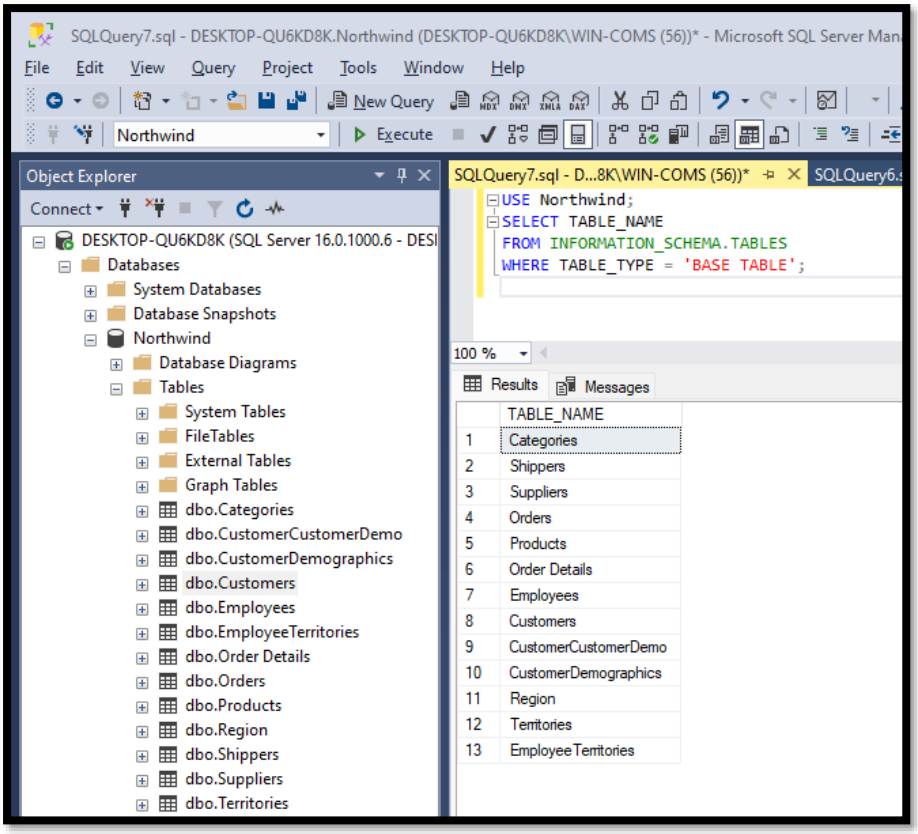
dbo.CustomerDemographics
dbo.Customers
dbo.Employees
dbo.EmployeeTerritories
dbo.Order Details
dbo.Orders
dbo.Products
dbo.Region
dbo.Shippers
dbo.Suppliers
dbo.Territories
Dropped Ledger Tables
Views
External Resources
Synonyms
SQLQuery6.sql - D...8K\WIN-COMS (77))*
SQLQuery5.sql - D...8K\WIN-COMS (58))*
SELECT
physical_memory_kb / 1024 AS RAM_MB
FROM sys.dm_os_sys_info;
100 %
Results
Messages
RAM_MB
1
12169

1.7


SQLQuery7.sql - DESKTOP-QU6KD8K.Northwind (DESKTOP-QU6KD8K\WIN-COMS (56))* - Microsoft SQL Server Man
File Edit View Query Project Tools Window Help
New Query
Northwind
Execute
Object Explorer
Connect
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Databases
System Databases
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dbo.CustomerCustomerDemo
dbo.CustomerDemographics
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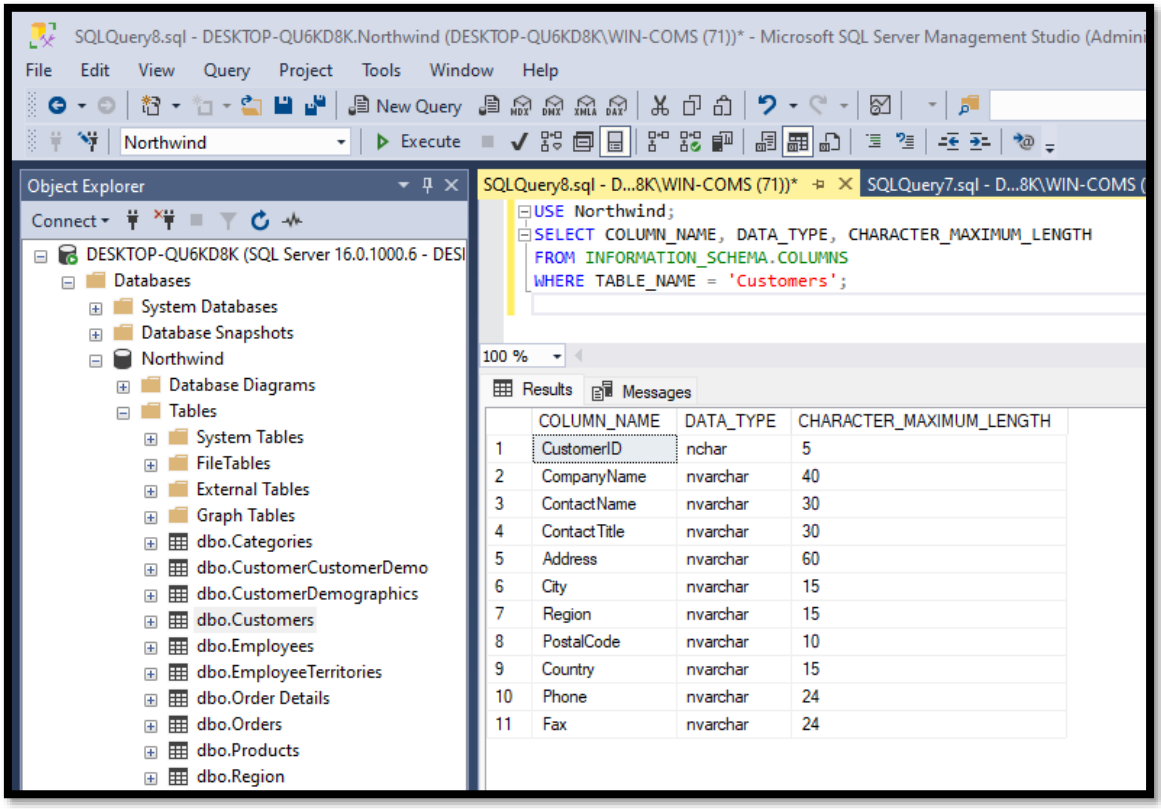
dbo.Employees
dbo.EmployeeTerritories
dbo.Order Details
dbo.Orders
dbo.Products
dbo.Region
dbo.Shippers
dbo.Suppliers
dbo.Territories
SQLQuery7.sql - D...8K\WIN-COMS (56))*
SQLQuery6.
USE Northwind;
SELECT TABLE_NAME
FROM INFORMATION_SCHEMA.TABLES
WHERE TABLE_TYPE = 'BASE TABLE';
100 %
Results
Messages
TABLE_NAME
1 Categories
2 Shippers
3 Suppliers
4 Orders
5 Products
6 Order Details
7 Employees
8 Customers
9 CustomerCustomerDemo
10 CustomerDemographics
11 Region
12 Territories
13 EmployeeTerritories

1.8


SQLQuery8.sql - DESKTOP-QU6KD8K.Northwind (DESKTOP-QU6KD8K\WIN-COMS (71))* - Microsoft SQL Server Management Studio (Admini
File Edit View Query Project Tools Window Help
New Query
Northwind
Execute
Object Explorer
Connect
DESKTOP-QU6KD8K (SQL Server 16.0.1000.6 - DESI
Databases
System Databases
Database Snapshots
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FileTables
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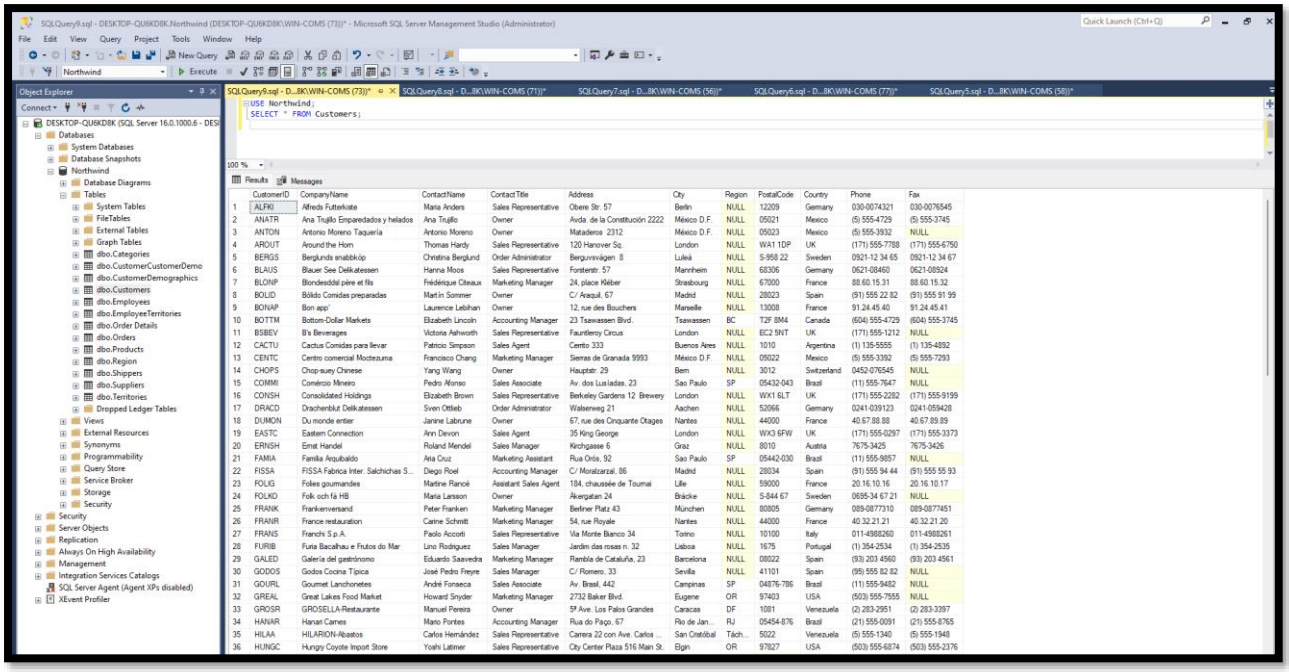
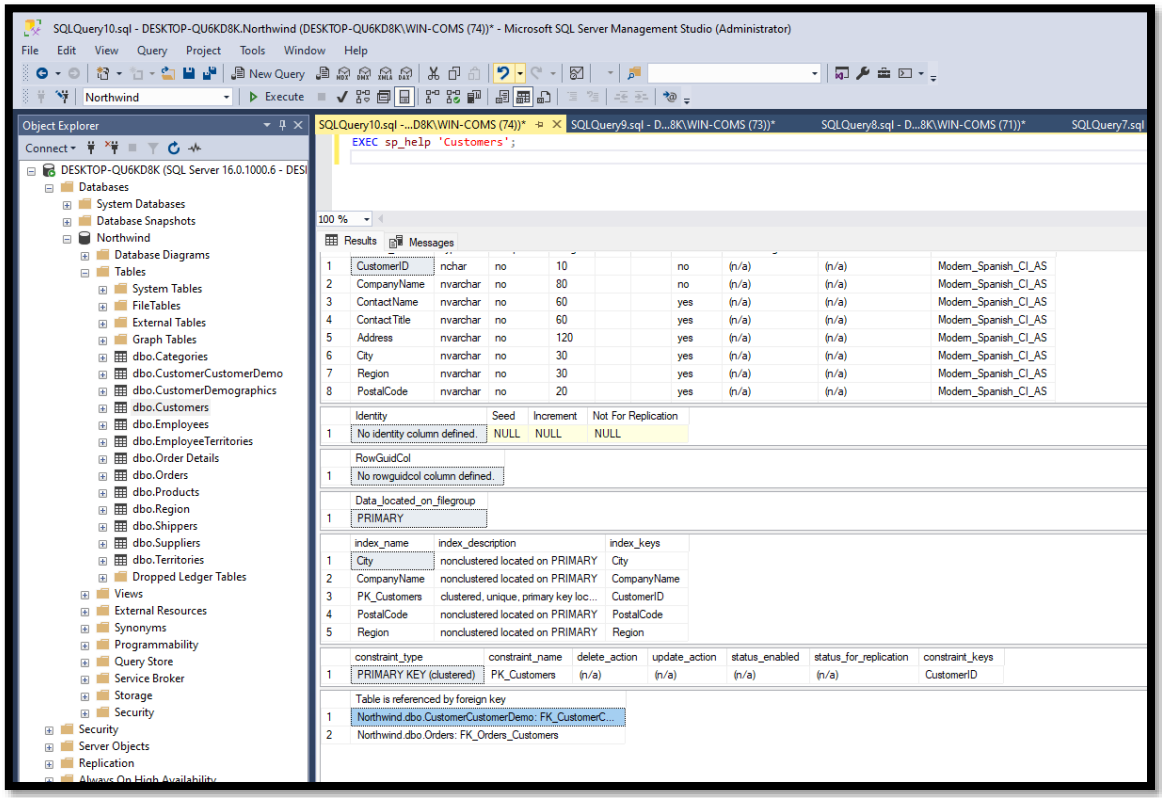
Graph Tables
dbo.Categories
dbo.CustomerCustomerDemo
dbo.CustomerDemographics
dbo.Customers
dbo.Employees
dbo.EmployeeTerritories
dbo.Order Details
dbo.Orders
dbo.Products
dbo.Region
SQLQuery8.sql - D...8K\WIN-COMS (71))*
SQLQuery7.sql - D...8K\WIN-COMS
USE Northwind;
SELECT COLUMN_NAME, DATA_TYPE, CHARACTER_MAXIMUM_LENGTH
FROM INFORMATION_SCHEMA.COLUMNS
WHERE TABLE_NAME = 'Customers';
100 %
Results
Messages
COLUMN_NAME DATA_TYPE CHARACTER_MAXIMUM_LENGTH
1 CustomerID nchar 5
2 CompanyName nvarchar 40
3 ContactName nvarchar 30
4 ContactTitle nvarchar 30
5 Address nvarchar 60
6 City nvarchar 15
7 Region nvarchar 15
8 PostalCode nvarchar 10
9 Country nvarchar 15
10 Phone nvarchar 24
11 Fax nvarchar 24

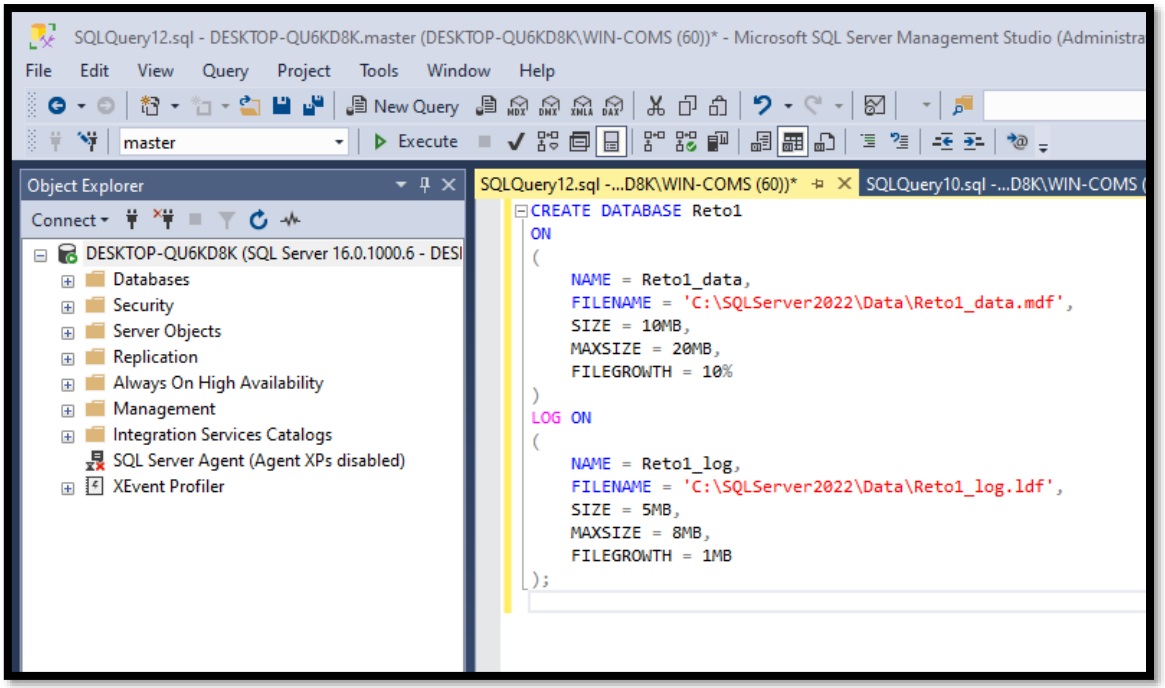
1.9

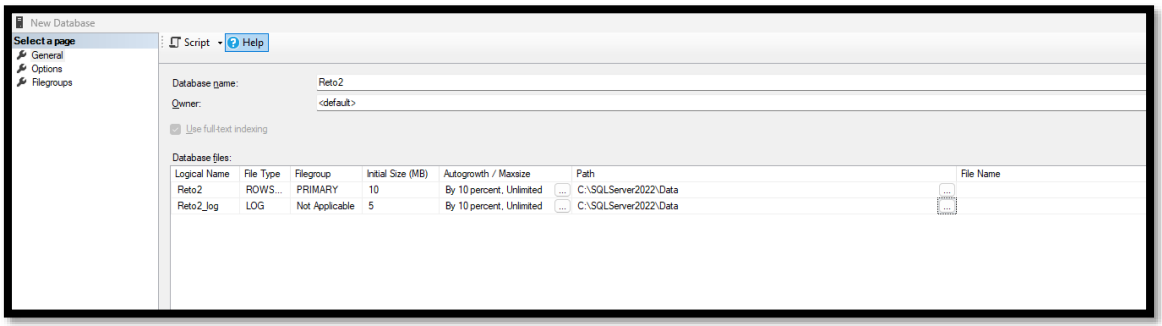

USE Northwind;
SELECT * FROM Customers;

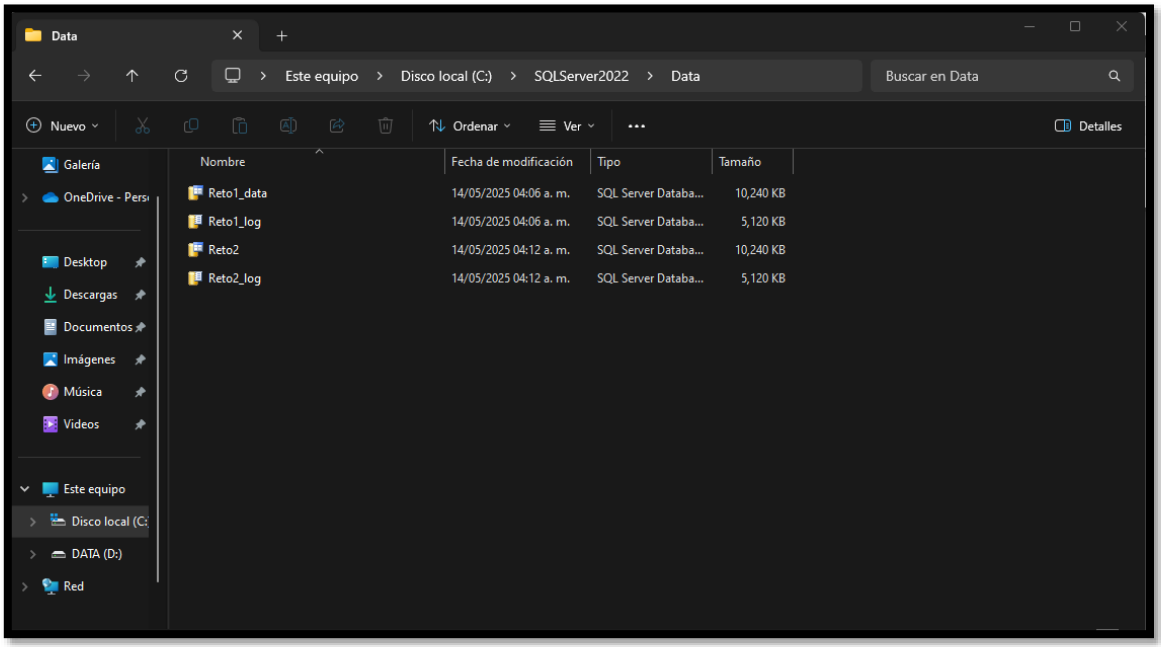
1.10


EXEC sp_help 'Customers';

2.SESION 2

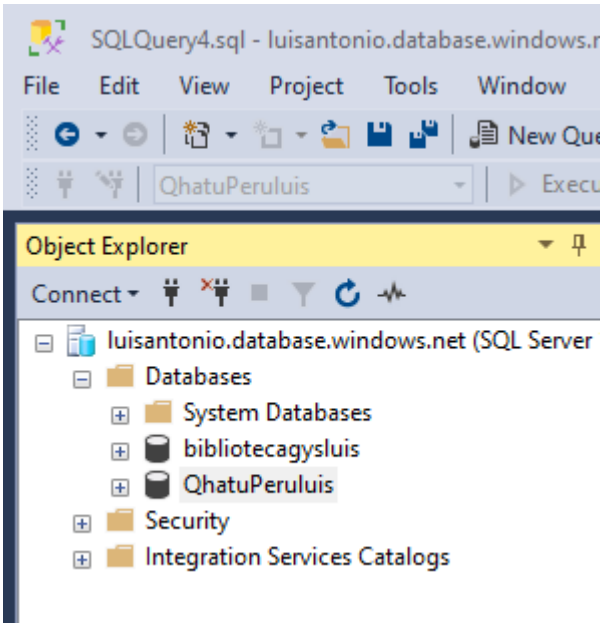

SQLQuery12.sql - DESKTOP-QU6KD8K.master (DESKTOP-QU6KD8K\WIN-COMS (60))* - Microsoft SQL Server Management Studio (Administra
File Edit View Query Project Tools Window Help
New Query
master
Execute
Object Explorer
Connect
DESKTOP-QU6KD8K (SQL Server 16.0.1000.6 - DESI
Databases
Security
Server Objects
Replication
Always On High Availability
Management
Integration Services Catalogs
SQL Server Agent (Agent XPs disabled)
XEvent Profiler
SQLQuery12.sql -...D8K\WIN-COMS (60))*
SQLQuery10.sql -...D8K\WIN-COMS
CREATE DATABASE Reto1
ON
(
NAME = Reto1_data,
FILENAME = 'C:\SQLServer2022\Data\Reto1_data.mdf',
SIZE = 10MB,
MAXSIZE = 20MB,
FILEGROWTH = 10%
)
LOG ON
(
NAME = Reto1_log,
FILENAME = 'C:\SQLServer2022\Data\Reto1_log.ldf',
SIZE = 5MB,
MAXSIZE = 8MB,
FILEGROWTH = 1MB
);

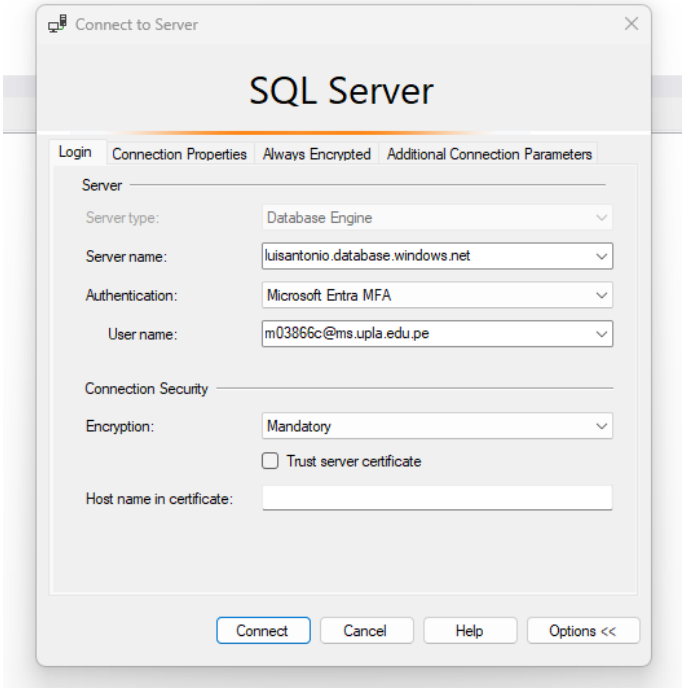

New Database
Select a page
General
Options
Filegroups
Script
Help
Database name:
Reto2
Owner:
<default>
Use full-text indexing
Database files:
Logical Name File Type Filegroup Initial Size (MB) Autogrowth / Maxsize Path File Name
Reto2 ROWS... PRIMARY 10 By 10 percent, Unlimited C:\SQLServer2022\Data
Reto2_log LOG Not Applicable 5 By 10 percent, Unlimited C:\SQLServer2022\Data

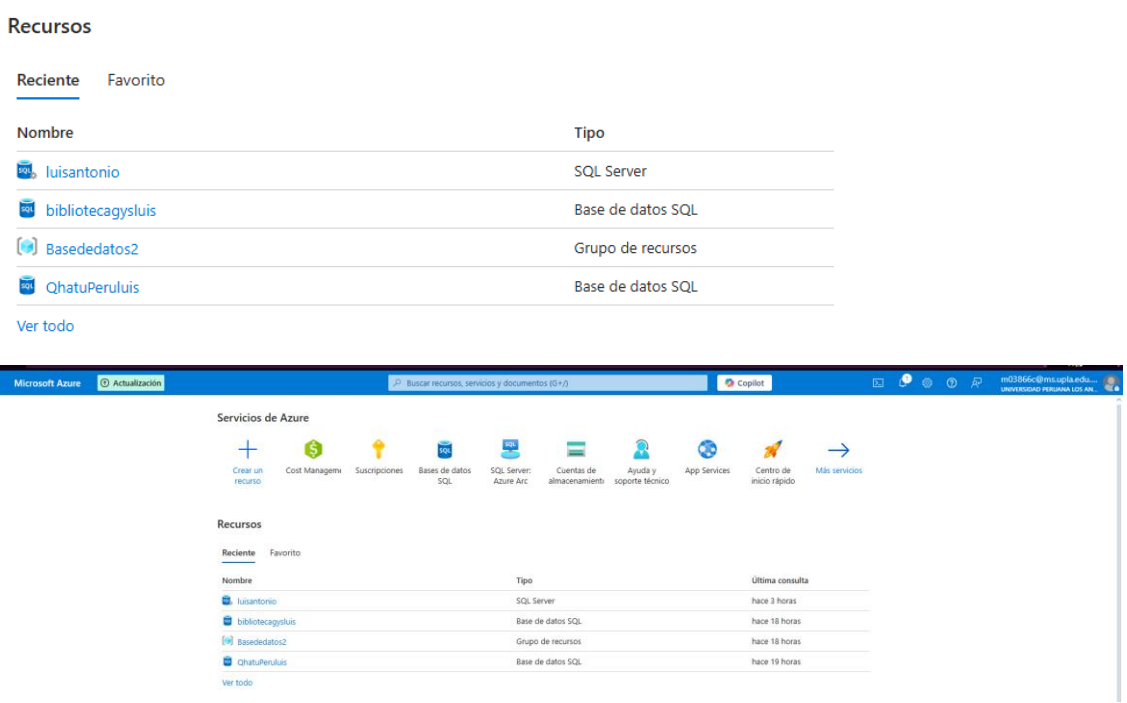

Data
Este equipo
Disco local (C:)
SQLServer2022
Data
Buscar en Data
Nuevo
Ordenar
Ver
Detalles
Galería
OneDrive - Perso
Desktop
Descargas
Documentos
Imágenes
Música
Videos
Este equipo
Disco local (C:
DATA (D:)
Red
Nombre
Fecha de modificación
Tipo
Tamaño
Reto1_data 14/05/2025 04:06 a. m. SQL Server Databa... 10,240 KB
Reto1_log 14/05/2025 04:06 a. m. SQL Server Databa... 5,120 KB
Reto2 14/05/2025 04:12 a. m. SQL Server Databa... 10,240 KB
Reto2_log 14/05/2025 04:12 a. m. SQL Server Databa... 5,120 KB

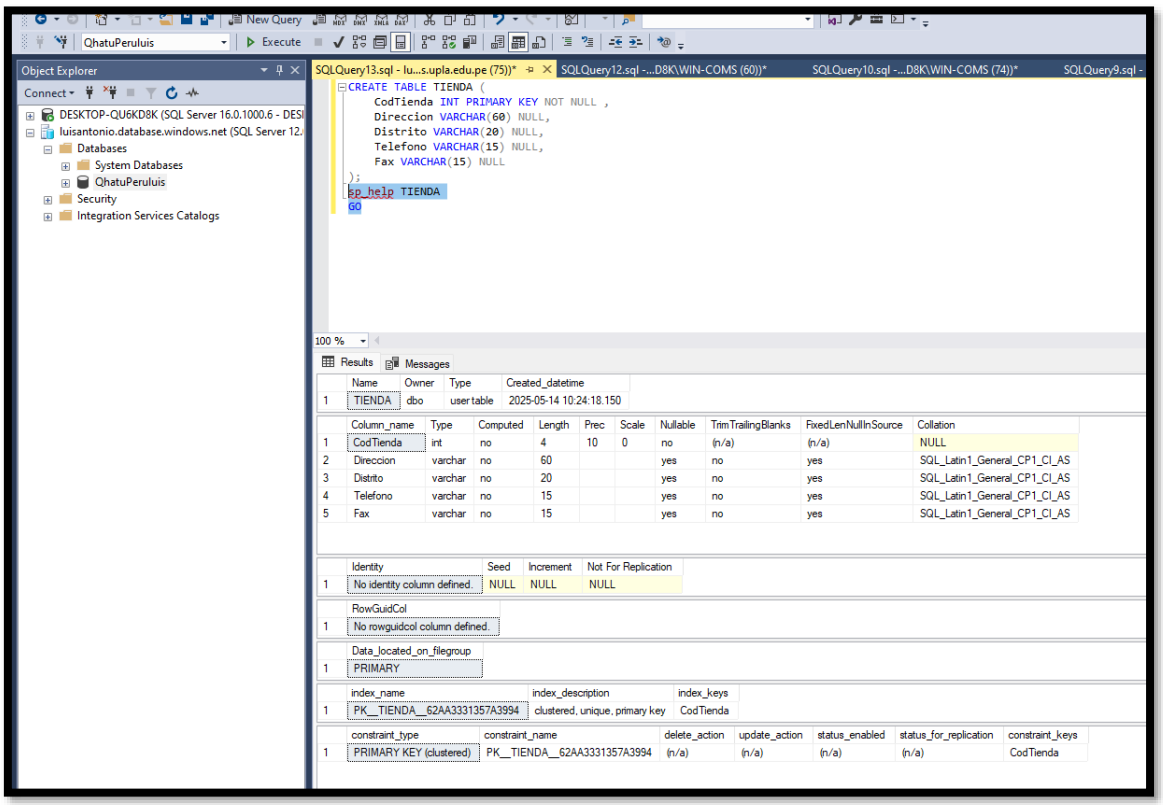
3.SESION 3

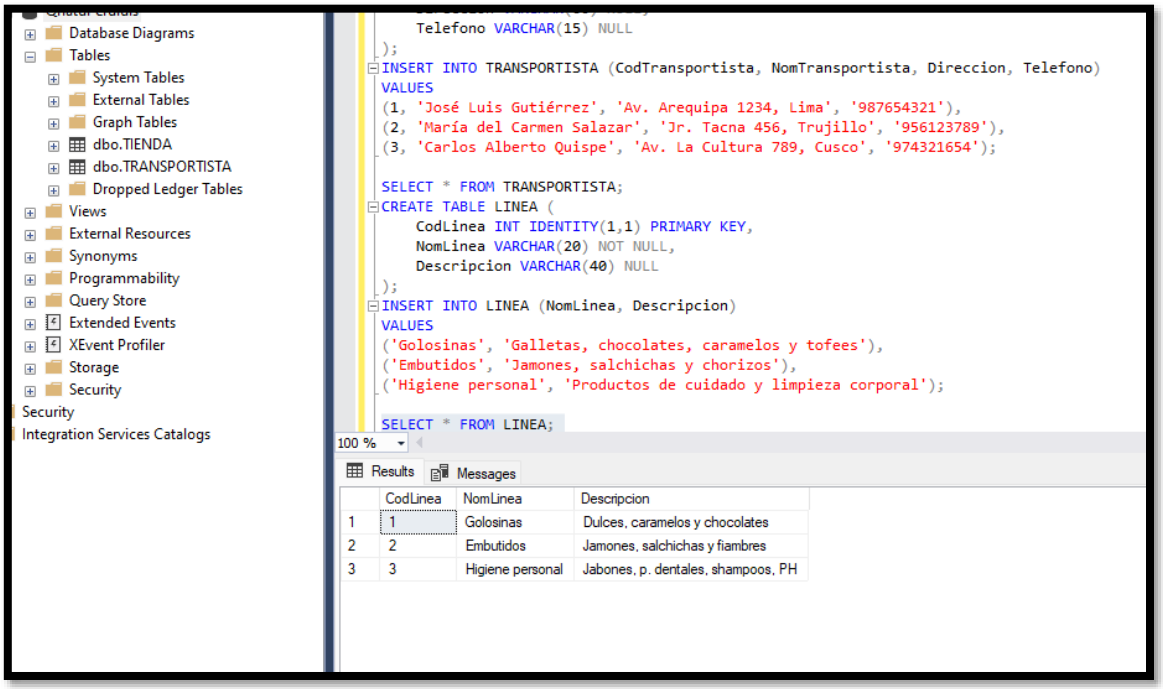
CONECTADO VIA AZURE – CONEXIÓN








Object Explorer
Connect
DESKTOP-QU6KD8K (SQL Server 16.0.1000.6 - DESI
luisantonio.database.windows.net (SQL Server 12.
Databases
System Databases
QhatuPeruluis
Security
Integration Services Catalogs
QhatuPeruluis
Execute
SQLQuery13.sql - lu...s.upla.edu.pe (75))*
SQLQuery12.sql -...D8K\WIN-COMS (60))*
SQLQuery10.sql -...D8K\WIN-COMS (74))*
SQLQuery9.sql -
CREATE TABLE TIENDA (
CodTienda INT PRIMARY KEY NOT NULL ,
Direccion VARCHAR(60) NULL,
Distrito VARCHAR(20) NULL,
Telefono VARCHAR(15) NULL,
Fax VARCHAR(15) NULL
);
sp_help TIENDA
GO
100 %
Results
Messages
Name Owner Type Created_datetime
1 TIENDA dbo user table 2025-05-14 10:24:18.150
Column_name Type Computed Length Prec Scale Nullable TrimTrailingBlanks FixedLenNullInSource Collation
1 CodTienda int no 4 10 0 no (n/a) (n/a) NULL
2 Direccion varchar no 60 yes no yes SQL_Latin1_General_CP1_CI_AS
3 Distrito varchar no 20 yes no yes SQL_Latin1_General_CP1_CI_AS
4 Telefono varchar no 15 yes no yes SQL_Latin1_General_CP1_CI_AS
5 Fax varchar no 15 yes no yes SQL_Latin1_General_CP1_CI_AS
Identity Seed Increment Not For Replication
1 No identity column defined. NULL NULL NULL
RowGuidCol
1 No rowguidcol column defined.
Data_located_on_filegroup
1 PRIMARY
index_name index_description index_keys
1 PK__TIENDA__62AA3331357A3994 clustered, unique, primary key CodTienda
constraint_type constraint_name delete_action update_action status_enabled status_for_replication constraint_keys
1 PRIMARY KEY (clustered) PK__TIENDA__62AA3331357A3994 (n/a) (n/a) (n/a) (n/a) CodTienda


Database Diagrams
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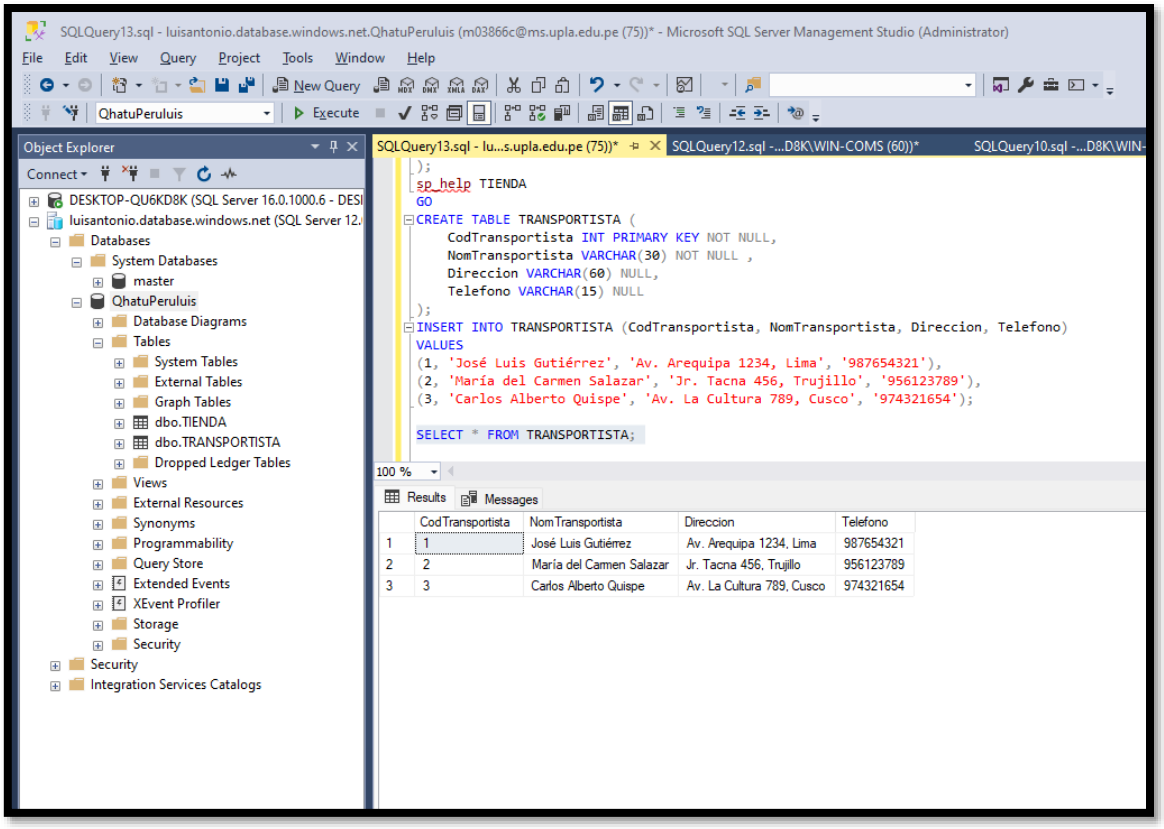
System Tables
External Tables
Graph Tables
dbo.TIENDA
dbo.TRANSPORTISTA
Dropped Ledger Tables
Views
External Resources
Synonyms
Programmability
Query Store
Extended Events
XEvent Profiler
Storage
Security
Security
Integration Services Catalogs
Telefono VARCHAR(15) NULL
);
INSERT INTO TRANSPORTISTA (CodTransportista, NomTransportista, Direccion, Telefono)
VALUES
(1, 'José Luis Gutiérrez', 'Av. Arequipa 1234, Lima', '987654321'),
(2, 'María del Carmen Salazar', 'Jr. Tacna 456, Trujillo', '956123789'),
(3, 'Carlos Alberto Quispe', 'Av. La Cultura 789, Cusco', '974321654');
SELECT * FROM TRANSPORTISTA;
CREATE TABLE LINEA (
CodLinea INT IDENTITY(1,1) PRIMARY KEY,
NomLinea VARCHAR(20) NOT NULL,
Descripcion VARCHAR(40) NULL
);
INSERT INTO LINEA (NomLinea, Descripcion)
VALUES
('Golosinas', 'Galletas, chocolates, caramelos y tofees'),
('Embutidos', 'Jamones, salchichas y chorizos'),
('Higiene personal', 'Productos de cuidado y limpieza corporal');
SELECT * FROM LINEA;
100 %
Results
Messages
CodLinea NomLinea Descripcion
1 1 Golosinas Dulces, caramelos y chocolates
2 2 Embutidos Jamones, salchichas y fiambres
3 3 Higiene personal Jabones, p. dentales, shampoos, PH


SQLQuery13.sql - luisantonio.database.windows.net.QhatuPeruluis (m03866c@ms.upla.edu.pe (75))* - Microsoft SQL Server Management Studio (Administrator)
File Edit View Query Project Tools Window Help
New Query
QhatuPeruluis
Execute
Object Explorer
Connect
DESKTOP-QU6KD8K (SQL Server 16.0.1000.6 - DESI
luisantonio.database.windows.net (SQL Server 12.
Databases
System Databases
master
QhatuPeruluis
Database Diagrams
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External Tables
Graph Tables
dbo.TIENDA
dbo.TRANSPORTISTA
Dropped Ledger Tables
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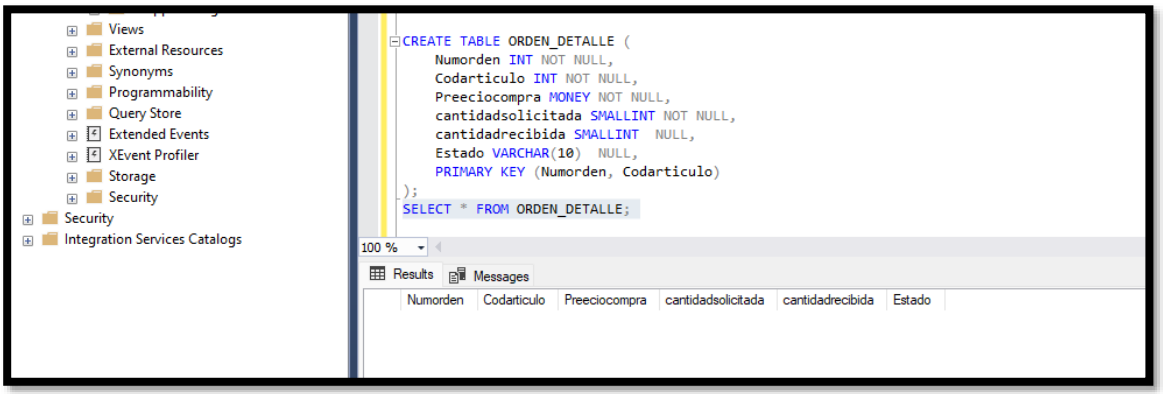
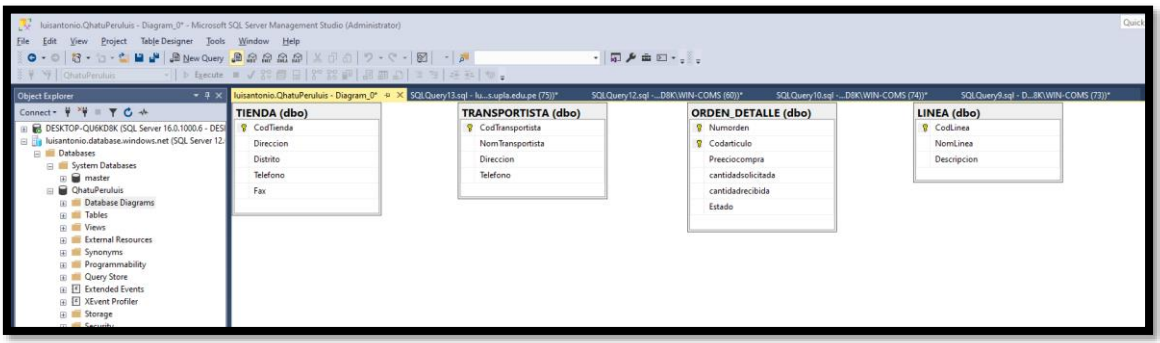
Synonyms
Programmability
Query Store
Extended Events
XEvent Profiler
Storage
Security
Security
Integration Services Catalogs
SQLQuery13.sql - lu...s.upla.edu.pe (75))*
SQLQuery12.sql -...D8K\WIN-COMS (60))*
SQLQuery10.sql -...D8K\WIN-
);
sp_help TIENDA
GO
CREATE TABLE TRANSPORTISTA (
CodTransportista INT PRIMARY KEY NOT NULL,
NomTransportista VARCHAR(30) NOT NULL ,
Direccion VARCHAR(60) NULL,
Telefono VARCHAR(15) NULL
);
INSERT INTO TRANSPORTISTA (CodTransportista, NomTransportista, Direccion, Telefono)
VALUES
(1, 'José Luis Gutiérrez', 'Av. Arequipa 1234, Lima', '987654321'),
(2, 'María del Carmen Salazar', 'Jr. Tacna 456, Trujillo', '956123789'),
(3, 'Carlos Alberto Quispe', 'Av. La Cultura 789, Cusco', '974321654');
SELECT * FROM TRANSPORTISTA;
100 %
Results
Messages
CodTransportista
NomTransportista
Direccion
Telefono
1 1 José Luis Gutiérrez Av. Arequipa 1234, Lima 987654321
2 2 María del Carmen Salazar Jr. Tacna 456, Trujillo 956123789
3 3 Carlos Alberto Quispe Av. La Cultura 789, Cusco 974321654


Views
External Resources
Synonyms
Programmability
Query Store
Extended Events
XEvent Profiler
Storage
Security
Security
Integration Services Catalogs
CREATE TABLE ORDEN_DETALLE (
Numorden INT NOT NULL,
Codarticulo INT NOT NULL,
Preeciocompra MONEY NOT NULL,
cantidadsolicitada SMALLINT NOT NULL,
cantidadrecibida SMALLINT NULL,
Estado VARCHAR(10) NULL,
PRIMARY KEY (Numorden, Codarticulo)
);
SELECT * FROM ORDEN_DETALLE;
100 %
Results
Messages
Numorden
Codarticulo
Preeciocompra
cantidadsolicitada
cantidadrecibida
Estado

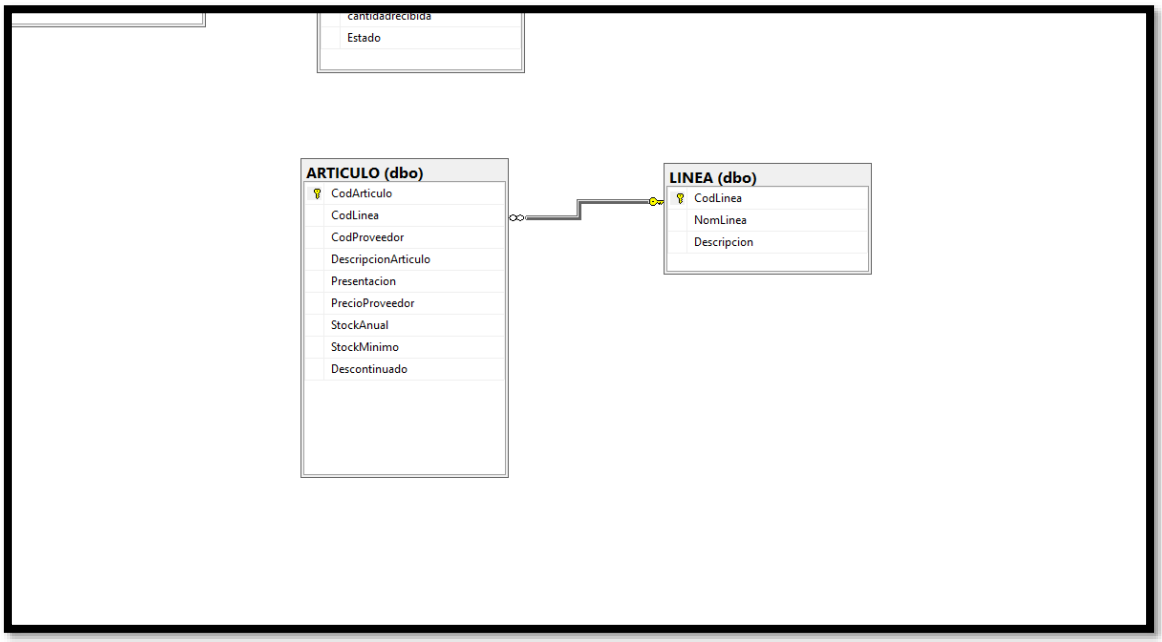

TIENDA (dbo)
CodTienda
Direccion
Distrito
Telefono
Fax
TRANSPORTISTA (dbo)
CodTransportista
NomTransportista
Direccion
Telefono
ORDEN_DETALLE (dbo)
Numorden
Codarticulo
Preeciocompra
cantidadsolicitada
cantidadrecibida
Estado
LINEA (dbo)
CodLinea
NomLinea
Descripcion

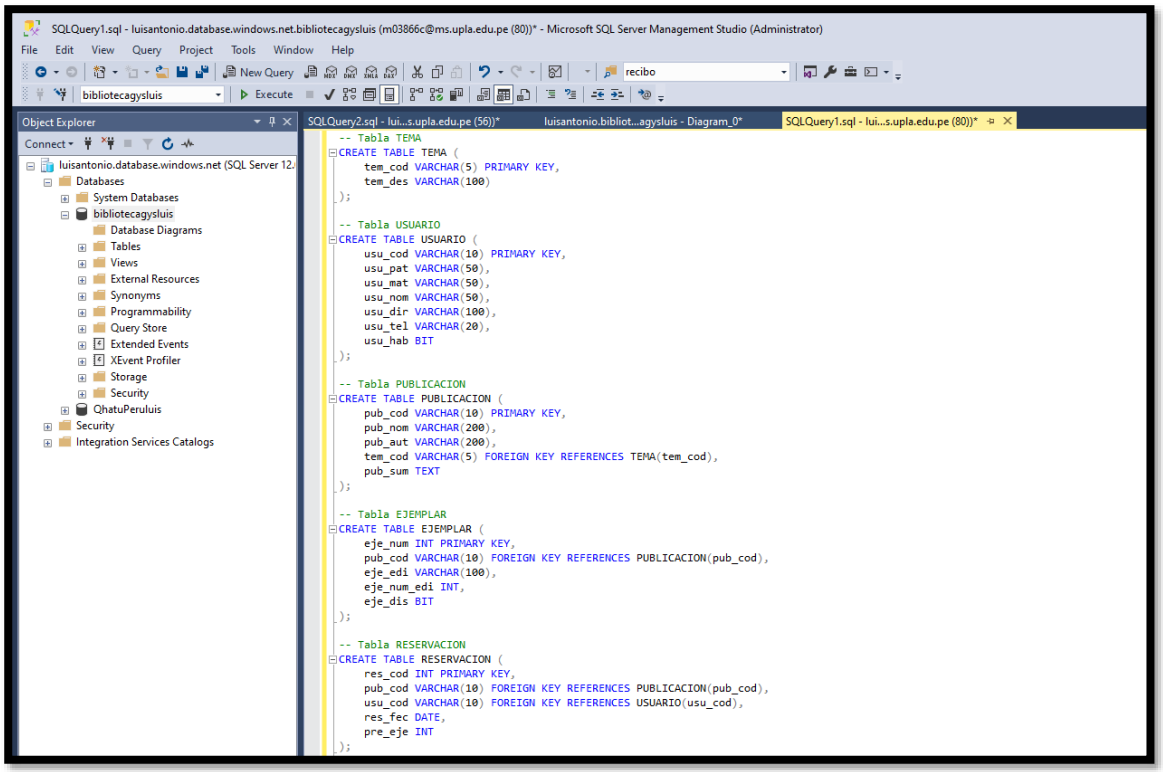
```sql
SELECT * FROM ORDEN_DETALLE;

CREATE TABLE ARTICULO (
    CodArticulo INT PRIMARY KEY,
    CodLinea INT,
    CodProveedor INT,
    DescripcionArticulo VARCHAR(40),
    Presentacion VARCHAR(30),
    PrecioProveedor MONEY,
    StockAnual SMALLINT,
    StockMinimo SMALLINT,
    Descontinuado BIT,
    CONSTRAINT FK_Articulo_Linea FOREIGN KEY (CodLinea)
        REFERENCES LINEA(CodLinea)
);
INSERT INTO ARTICULO
VALUES (1, 1, 14, 'CARAMELOS BASTON VIENA ARCOR', 'PAQUETE 454GR', 1.50, 200, 50, 0);
INSERT INTO ARTICULO
VALUES (2, 3, 5, 'ACEITE BABY JOHNSONS C/ALOE Y VIT', 'FRASCO 100ML', 3.90, 175, 100, 0);
INSERT INTO ARTICULO
VALUES (3, 2, 1, 'JAMONADA LAIVE', 'KILOGRAMO', 12.50, 80, 75, 0);

SELECT * FROM ARTICULO;
```

100 %

Results | Messages

	CodArticulo	CodLinea	CodProveedor	DescripcionArticulo	Presentacion	PrecioProveedor	StockAnual	StockMinimo	Descontinuado
1	1	1	14	CARAMELOS BASTON VIENA ARCOR	PAQUETE 454GR	1.50	200	50	0
2	2	3	5	ACEITE BABY JOHNSONS C/ALOE Y VIT	FRASCO 100ML	3.90	175	100	0
3	3	2	1	JAMONADA LAIVE	KILOGRAMO	12.50	80	75	0




SQLQuery1.sql - luisantonio.database.windows.net.bibliotecagysluis (m03866c@ms.upla.edu.pe (80))* - Microsoft SQL Server Management Studio (Administrator)
File Edit View Query Project Tools Window Help
New Query
recibo
bibliotecagysluis
Execute
Object Explorer
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luisantonio.database.windows.net (SQL Server 12.
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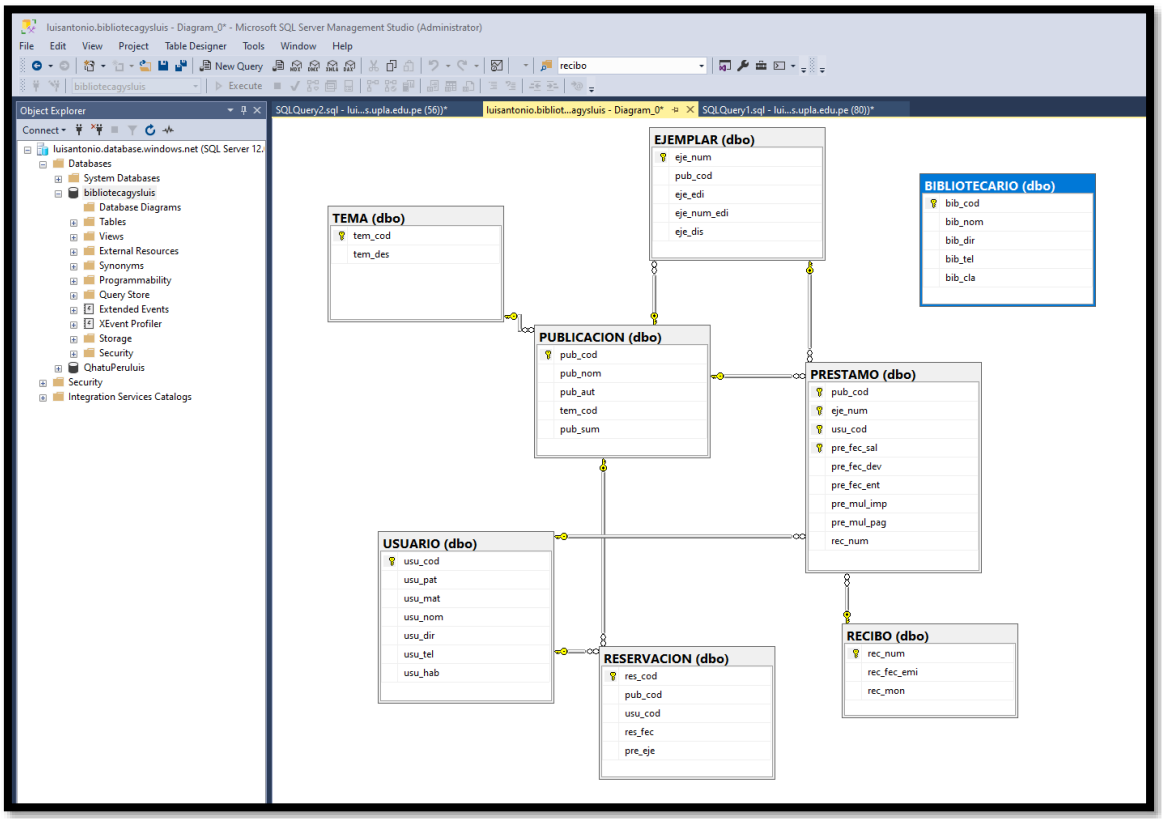
Extended Events
XEvent Profiler
Storage
Security
QhatuPeruluis
Security
Integration Services Catalogs
SQLQuery2.sql - lui...s.upla.edu.pe (56))*
luisantonio.bibliot...agysluis - Diagram_0*
SQLQuery1.sql - lui...s.upla.edu.pe (80))*
-- Tabla TEMA
CREATE TABLE TEMA (
tem_cod VARCHAR(5) PRIMARY KEY,
tem_des VARCHAR(100)
);
-- Tabla USUARIO
CREATE TABLE USUARIO (
usu_cod VARCHAR(10) PRIMARY KEY,
usu_pat VARCHAR(50),
usu_mat VARCHAR(50),
usu_nom VARCHAR(50),
usu_dir VARCHAR(100),
usu_tel VARCHAR(20),
usu_hab BIT
);
-- Tabla PUBLICACION
CREATE TABLE PUBLICACION (
pub_cod VARCHAR(10) PRIMARY KEY,
pub_nom VARCHAR(200),
pub_aut VARCHAR(200),
tem_cod VARCHAR(5) FOREIGN KEY REFERENCES TEMA(tem_cod),
pub_sum TEXT
);
-- Tabla EJEMPLAR
CREATE TABLE EJEMPLAR (
eje_num INT PRIMARY KEY,
pub_cod VARCHAR(10) FOREIGN KEY REFERENCES PUBLICACION(pub_cod),
eje_edi VARCHAR(100),
eje_num_edi INT,
eje_dis BIT
);
-- Tabla RESERVACION
CREATE TABLE RESERVACION (
res_cod INT PRIMARY KEY,
pub_cod VARCHAR(10) FOREIGN KEY REFERENCES PUBLICACION(pub_cod),
usu_cod VARCHAR(10) FOREIGN KEY REFERENCES USUARIO(usu_cod),
res_fec DATE,
pre_eje INT
);

SESION 4:


luisantonio.bibliotecagysluis - Diagram_0* - Microsoft SQL Server Management Studio (Administrator)
File Edit View Project Table Designer Tools Window Help
New Query
recibo
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Object Explorer
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luisantonio.database.windows.net (SQL Server 12.
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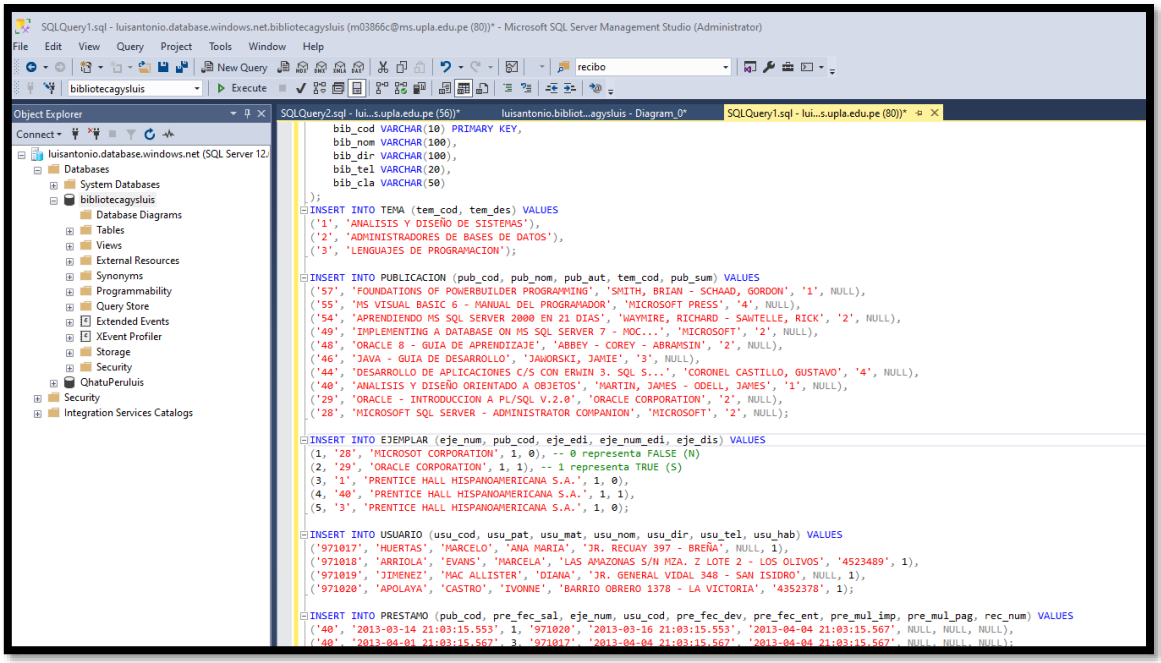
QhatuPeruluis
Security
Integration Services Catalogs
SQLQuery2.sql - lui...s.upla.edu.pe (56))*
luisantonio.bibliot...agysluis - Diagram_0*
SQLQuery1.sql - lui...s.upla.edu.pe (80))*
EJEMPLAR (dbo)
eje_num
pub_cod
eje_edi
eje_num_edi
eje_dis
BIBLIOTECARIO (dbo)
bib_cod
bib_nom
bib_dir
bib_tel
bib_cla
TEMA (dbo)
tem_cod
tem_des
PUBLICACION (dbo)
pub_cod
pub_nom
pub_aut
tem_cod
pub_sum
PRESTAMO (dbo)
pub_cod
eje_num
usu_cod
pre_fec_sal
pre_fec_dev
pre_fec_ent
pre_mul_imp
pre_mul_pag
rec_num
USUARIO (dbo)
usu_cod
usu_pat
usu_mat
usu_nom
usu_dir
usu_tel
usu_hab
RESERVACION (dbo)
res_cod
pub_cod
usu_cod
res_fec
pre_eje
RECIBO (dbo)
rec_num
rec_fec_emi
rec_mon


SQLQuery1.sql - luisantonio.database.windows.net.bibliotecagysluis (m03866c@ms.upla.edu.pe (80))* - Microsoft SQL Server Management Studio (Administrator)
File Edit View Query Project Tools Window Help
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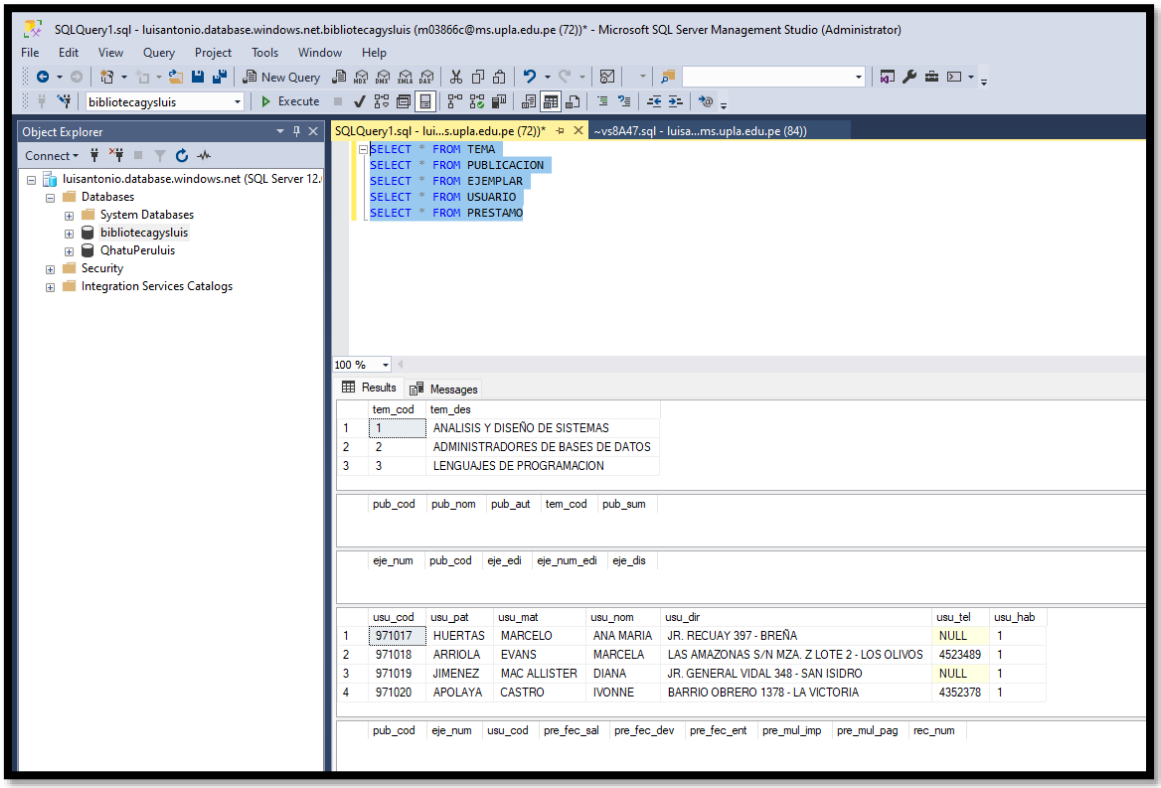
QhatuPeruluis
Security
Integration Services Catalogs
SQLQuery2.sql - lui...s.upla.edu.pe (56))*
luisantonio.bibliot...agysluis - Diagram_0*
SQLQuery1.sql - lui...s.upla.edu.pe (80))*
bib_cod VARCHAR(10) PRIMARY KEY,
bib_nom VARCHAR(100),
bib_dir VARCHAR(100),
bib_tel VARCHAR(20),
bib_cla VARCHAR(50)
);
INSERT INTO TEMA (tem_cod, tem_des) VALUES
('1', 'ANALISIS Y DISEÑO DE SISTEMAS'),
('2', 'ADMINISTRADORES DE BASES DE DATOS'),
('3', 'LENGUAJES DE PROGRAMACION');
INSERT INTO PUBLICACION (pub_cod, pub_nom, pub_aut, tem_cod, pub_sum) VALUES
('57', 'FOUNDATIONS OF POWERBUILDER PROGRAMMING', 'SMITH, BRIAN - SCHAAD, GORDON', '1', NULL),
('55', 'MS VISUAL BASIC 6 - MANUAL DEL PROGRAMADOR', 'MICROSOFT PRESS', '4', NULL),
('54', 'APRENDIENDO MS SQL SERVER 2000 EN 21 DIAS', 'WAYMIRE, RICHARD - SAWTELLE, RICK', '2', NULL),
('49', 'IMPLEMENTING A DATABASE ON MS SQL SERVER 7 - MOC...', 'MICROSOFT', '2', NULL),
('48', 'ORACLE 8 - GUIA DE APRENDIZAJE', 'ABBEY - COREY - ABRAMSIN', '2', NULL),
('46', 'JAVA - GUIA DE DESARROLLO', 'JAWORSKI, JAMIE', '3', NULL),
('44', 'DESARROLLO DE APLICACIONES C/S CON ERWIN 3. SQL S...', 'CORONEL CASTILLO, GUSTAVO', '4', NULL),
('40', 'ANALISIS Y DISEÑO ORIENTADO A OBJETOS', 'MARTIN, JAMES - ODELL, JAMES', '1', NULL),
('29', 'ORACLE - INTRODUCCION A PL/SQL V.2.0', 'ORACLE CORPORATION', '2', NULL),
('28', 'MICROSOFT SQL SERVER - ADMINISTRATOR COMPANION', 'MICROSOFT', '2', NULL);
INSERT INTO EJEMPLAR (eje_num, pub_cod, eje_edi, eje_num_edi, eje_dis) VALUES
(1, '28', 'MICROSOT CORPORATION', 1, 0), -- 0 representa FALSE (N)
(2, '29', 'ORACLE CORPORATION', 1, 1), -- 1 representa TRUE (S)
(3, '1', 'PRENTICE HALL HISPANOAMERICANA S.A.', 1, 0),
(4, '40', 'PRENTICE HALL HISPANOAMERICANA S.A.', 1, 1),
(5, '3', 'PRENTICE HALL HISPANOAMERICANA S.A.', 1, 0);
INSERT INTO USUARIO (usu_cod, usu_pat, usu_mat, usu_nom, usu_dir, usu_tel, usu_hab) VALUES
('971017', 'HUERTAS', 'MARCELO', 'ANA MARIA', 'JR. RECUAY 397 - BREÑA', NULL, 1),
('971018', 'ARRIOLA', 'EVANS', 'MARCELA', 'LAS AMAZONAS S/N MZA. Z LOTE 2 - LOS OLIVOS', '4523489', 1),
('971019', 'JIMENEZ', 'MAC ALLISTER', 'DIANA', 'JR. GENERAL VIDAL 348 - SAN ISIDRO', NULL, 1),
('971020', 'APOLAYA', 'CASTRO', 'IVONNE', 'BARRIO OBRERO 1378 - LA VICTORIA', '4352378', 1);
INSERT INTO PRESTAMO (pub_cod, pre_fec_sal, eje_num, usu_cod, pre_fec_dev, pre_fec_ent, pre_mul_imp, pre_mul_pag, rec_num) VALUES
('40', '2013-03-14 21:03:15.553', 1, '971020', '2013-03-16 21:03:15.553', '2013-04-04 21:03:15.567', NULL, NULL, NULL),
('40', '2013-04-01 21:03:15.567', 3, '971017', '2013-04-04 21:03:15.567', '2013-04-04 21:03:15.567', NULL, NULL, NULL);


SQLQuery1.sql - luisantonio.database.windows.net.bibliotecagysluis (m03866c@ms.upla.edu.pe (72))* - Microsoft SQL Server Management Studio (Administrator)
File Edit View Query Project Tools Window Help
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bibliotecagysluis
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Object Explorer
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luisantonio.database.windows.net (SQL Server 12.
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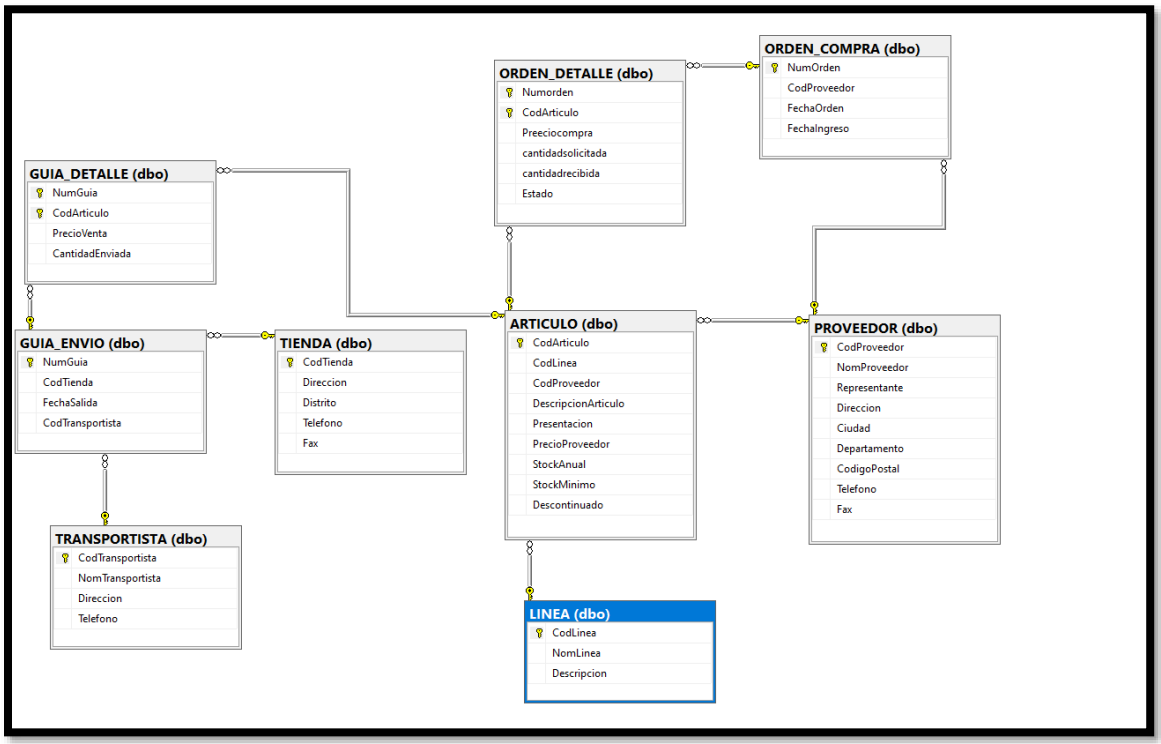
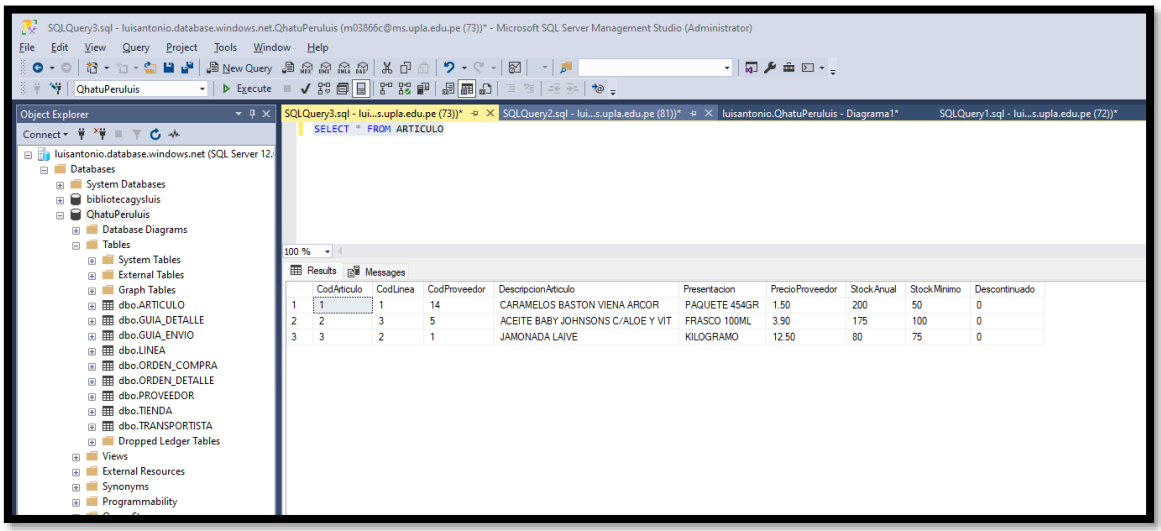
System Databases
bibliotecagysluis
QhatuPeruluis
Security
Integration Services Catalogs
SQLQuery1.sql - lui...s.upla.edu.pe (72))*
~vs8A47.sql - luisa...ms.upla.edu.pe (84))
SELECT * FROM TEMA
SELECT * FROM PUBLICACION
SELECT * FROM EJEMPLAR
SELECT * FROM USUARIO
SELECT * FROM PRESTAMO
100 %
Results
Messages
tem_cod tem_des
1 1 ANALISIS Y DISEÑO DE SISTEMAS
2 2 ADMINISTRADORES DE BASES DE DATOS
3 3 LENGUAJES DE PROGRAMACION
pub_cod pub_nom pub_aut tem_cod pub_sum
eje_num pub_cod eje_edi eje_num_edi eje_dis
usu_cod usu_pat usu_mat usu_nom usu_dir usu_tel usu_hab
1 971017 HUERTAS MARCELO ANA MARIA JR. RECUAY 397 - BREÑA NULL 1
2 971018 ARRIOLA EVANS MARCELA LAS AMAZONAS S/N MZA. Z LOTE 2 - LOS OLIVOS 4523489 1
3 971019 JIMENEZ MAC ALLISTER DIANA JR. GENERAL VIDAL 348 - SAN ISIDRO NULL 1
4 971020 APOLAYA CASTRO IVONNE BARRIO OBRERO 1378 - LA VICTORIA 4352378 1
pub_cod eje_num usu_cod pre_fec_sal pre_fec_dev pre_fec_ent pre_mul_imp pre_mul_pag rec_num

SESION5:

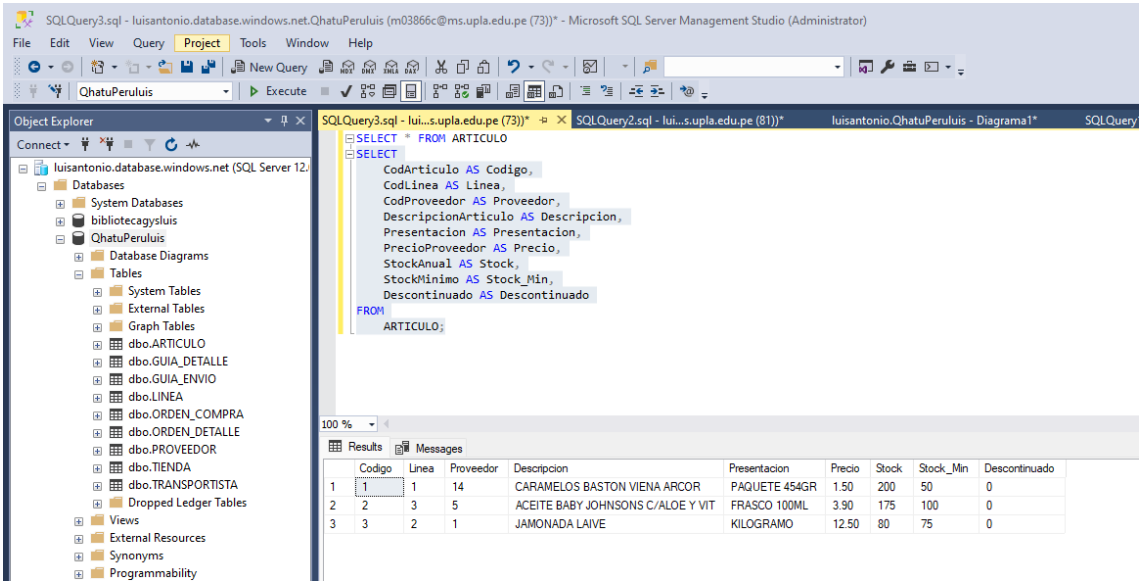
5.1:



5.3



5.5:


SQLQuery3.sql - luisantonio.database.windows.net.QhatuPeruluis (m03866c@ms.upla.edu.pe (73))* - Microsoft SQL Server Management Studio (Administrator)
File Edit View Query Project Tools Window Help
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QhatuPeruluis
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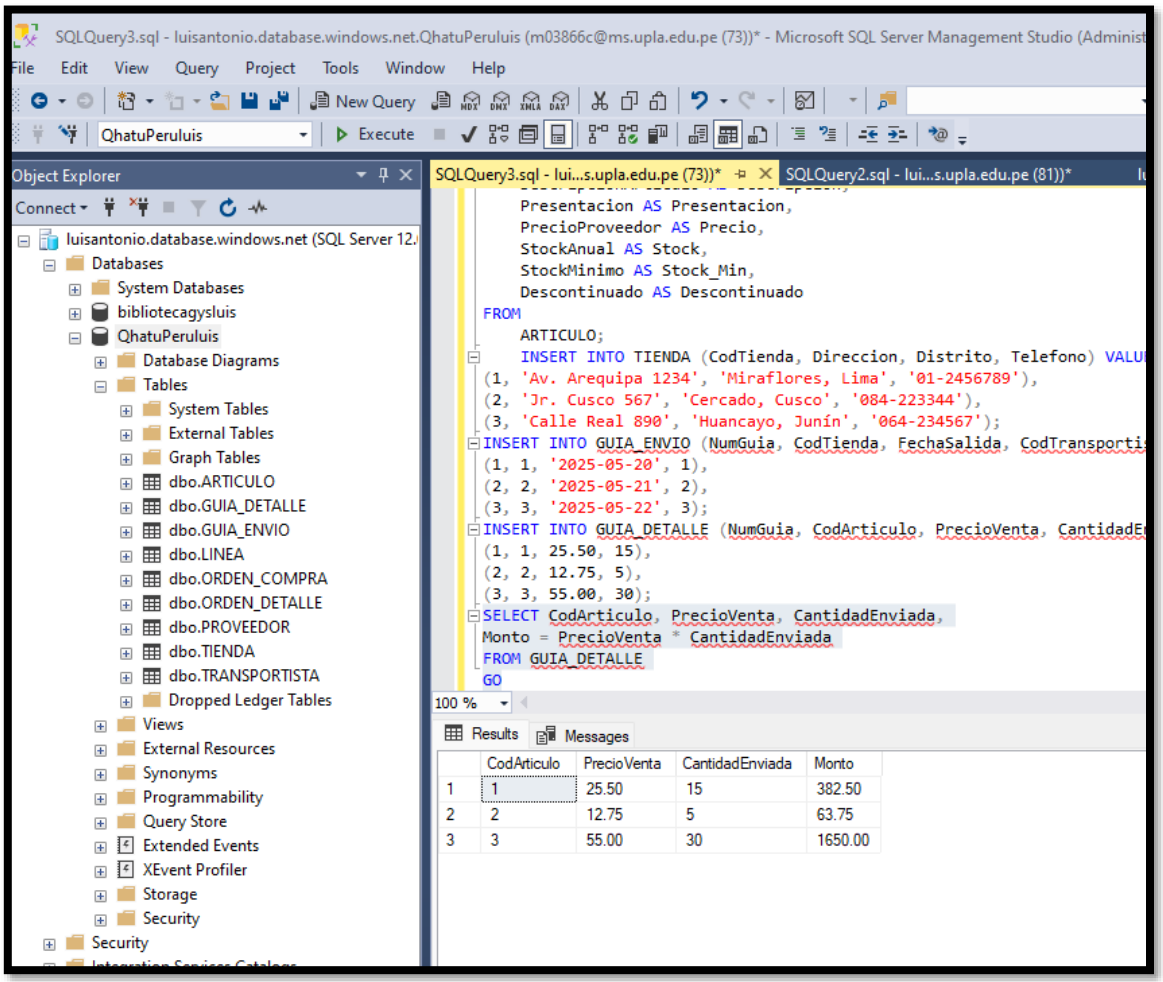
dbo.GUIA_DETALLE
dbo.GUIA_ENVIO
dbo.LINEA
dbo.ORDEN_COMPRA
dbo.ORDEN_DETALLE
dbo.PROVEEDOR
dbo.TIENDA
dbo.TRANSPORTISTA
Dropped Ledger Tables
Views
External Resources
Synonyms
Programmability
SQLQuery3.sql - lui...s.upla.edu.pe (73))*
SQLQuery2.sql - lui...s.upla.edu.pe (81))*
luisantonio.QhatuPeruluis - Diagrama1*
SELECT * FROM ARTICULO
SELECT
CodArticulo AS Codigo,
CodLinea AS Linea,
CodProveedor AS Proveedor,
DescripcionArticulo AS Descripcion,
Presentacion AS Presentacion,
PrecioProveedor AS Precio,
StockAnual AS Stock,
StockMinimo AS Stock_Min,
Descontinuado AS Descontinuado
FROM
ARTICULO;
100 %
Results
Messages
Codigo Linea Proveedor Descripcion Presentacion Precio Stock Stock_Min Descontinuado
1 1 1 14 CARAMELOS BASTON VIENA ARCOR PAQUETE 454GR 1.50 200 50 0
2 2 3 5 ACEITE BABY JOHNSONS C/ALOE Y VIT FRASCO 100ML 3.90 175 100 0
3 3 2 1 JAMONADA LAIVE KILOGRAMO 12.50 80 75 0

5.6


SQLQuery3.sql - luisantonio.database.windows.net.QhatuPeruluis (m03866c@ms.upla.edu.pe (73))* - Microsoft SQL Server Management Studio (Administ
File Edit View Query Project Tools Window Help
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QhatuPeruluis
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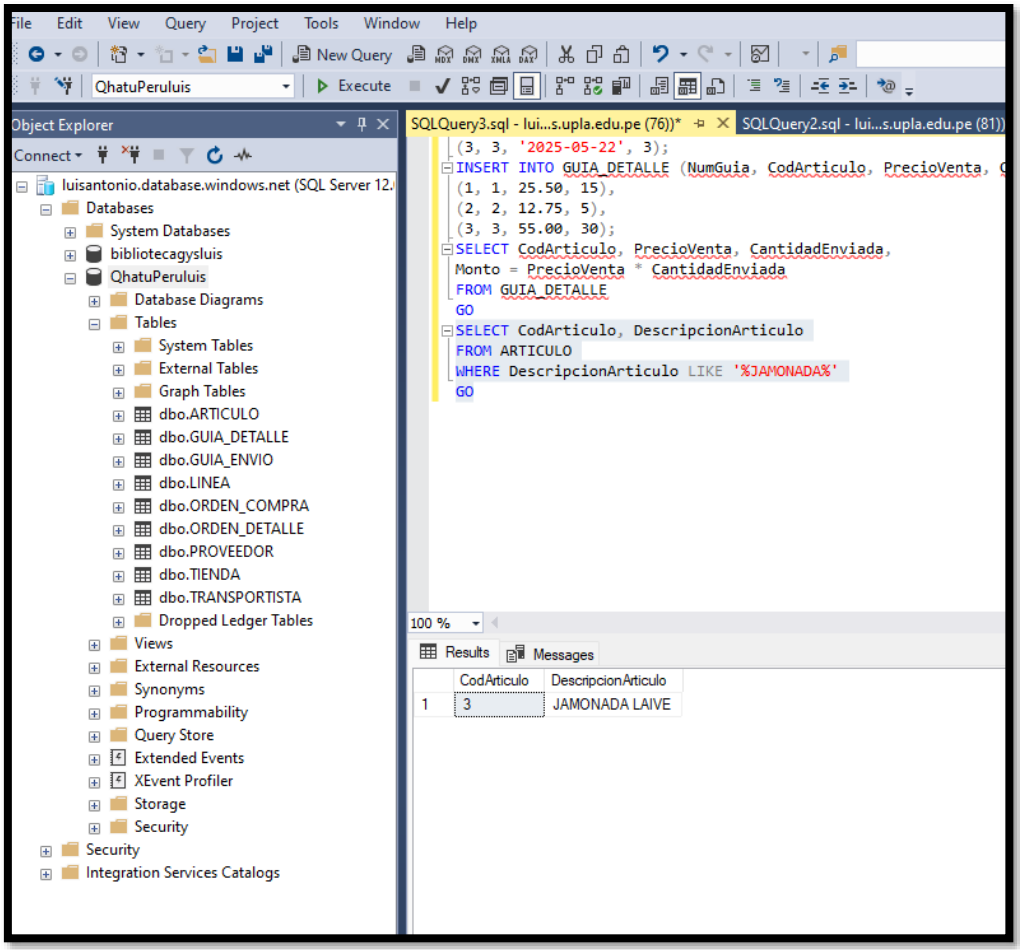
dbo.GUIA_DETALLE
dbo.GUIA_ENVIO
dbo.LINEA
dbo.ORDEN_COMPRA
dbo.ORDEN_DETALLE
dbo.PROVEEDOR
dbo.TIENDA
dbo.TRANSPORTISTA
Dropped Ledger Tables
Views
External Resources
Synonyms
Programmability
Query Store
Extended Events
XEvent Profiler
Storage
Security
Security
SQLQuery3.sql - lui...s.upla.edu.pe (73))*
SQLQuery2.sql - lui...s.upla.edu.pe (81))*
Presentacion AS Presentacion,
PrecioProveedor AS Precio,
StockAnual AS Stock,
StockMinimo AS Stock_Min,
Descontinuado AS Descontinuado
FROM
ARTICULO;
INSERT INTO TIENDA (CodTienda, Direccion, Distrito, Telefono) VALU
(1, 'Av. Arequipa 1234', 'Miraflores, Lima', '01-2456789'),
(2, 'Jr. Cusco 567', 'Cercado, Cusco', '084-223344'),
(3, 'Calle Real 890', 'Huancayo, Junín', '064-234567');
INSERT INTO GUIA_ENVIO (NumGuia, CodTienda, FechaSalida, CodTransporti
(1, 1, '2025-05-20', 1),
(2, 2, '2025-05-21', 2),
(3, 3, '2025-05-22', 3);
INSERT INTO GUIA_DETALLE (NumGuia, CodArticulo, PrecioVenta, CantidadE
(1, 1, 25.50, 15),
(2, 2, 12.75, 5),
(3, 3, 55.00, 30);
SELECT CodArticulo, PrecioVenta, CantidadEnviada,
Monto = PrecioVenta * CantidadEnviada
FROM GUIA_DETALLE
GO
100 %
Results
Messages
CodArticulo PrecioVenta CantidadEnviada Monto
1 1 25.50 15 382.50
2 2 12.75 5 63.75
3 3 55.00 30 1650.00


File Edit View Query Project Tools Window Help
New Query
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dbo.GUIA_DETALLE
dbo.GUIA_ENVIO
dbo.LINEA
dbo.ORDEN_COMPRA
dbo.ORDEN_DETALLE
dbo.PROVEEDOR
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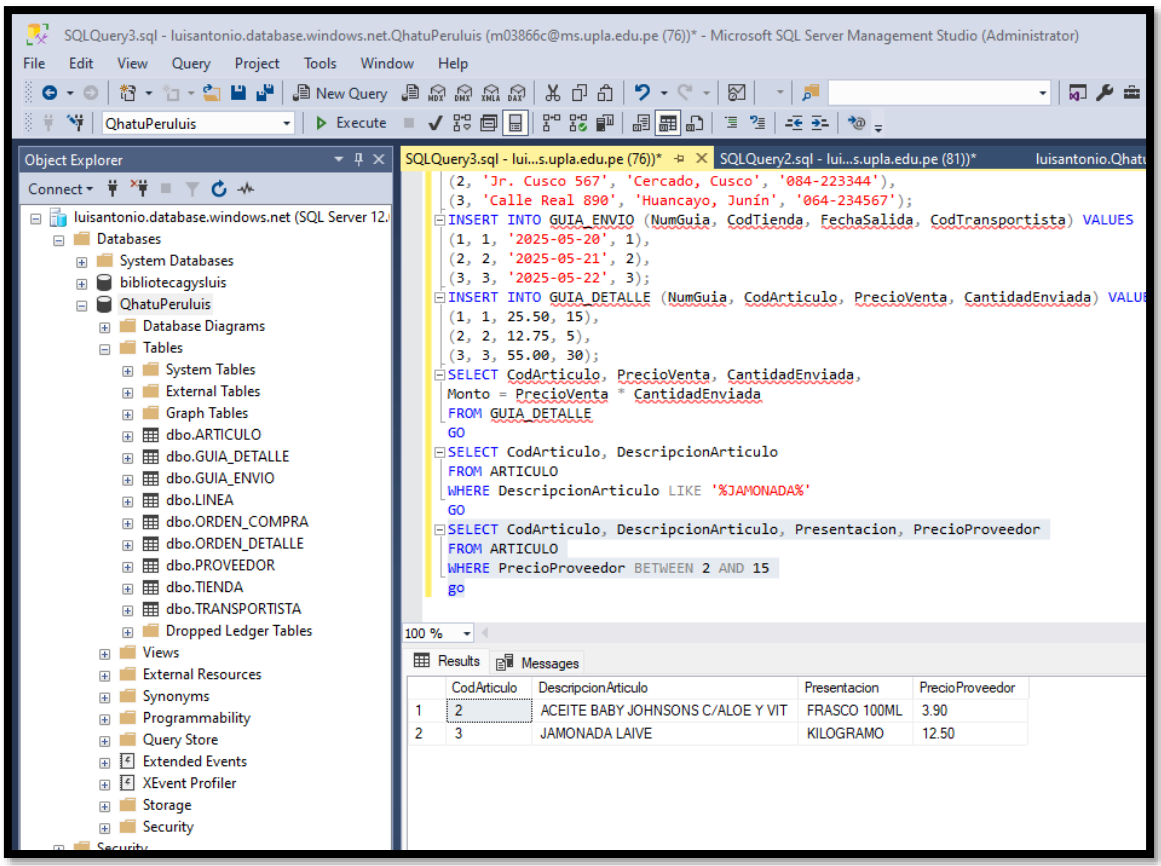
Integration Services Catalogs
SQLQuery3.sql - lui...s.upla.edu.pe (76))*
SQLQuery2.sql - lui...s.upla.edu.pe (81))
(3, 3, '2025-05-22', 3);
INSERT INTO GUIA_DETALLE (NumGuia, CodArticulo, PrecioVenta,
(1, 1, 25.50, 15),
(2, 2, 12.75, 5),
(3, 3, 55.00, 30);
SELECT CodArticulo, PrecioVenta, CantidadEnviada,
Monto = PrecioVenta * CantidadEnviada
FROM GUIA_DETALLE
GO
SELECT CodArticulo, DescripcionArticulo
FROM ARTICULO
WHERE DescripcionArticulo LIKE '%JAMONADA%'
GO
100 %
Results
Messages
CodArticulo
DescripcionArticulo
1
3
JAMONADA LAIVE


SQLQuery3.sql - luisantonio.database.windows.net.QhatuPeruluis (m03866c@ms.upla.edu.pe (76))* - Microsoft SQL Server Management Studio (Administrator)
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dbo.GUIA_DETALLE
dbo.GUIA_ENVIO
dbo.LINEA
dbo.ORDEN_COMPRA
dbo.ORDEN_DETALLE
dbo.PROVEEDOR
dbo.TIENDA
dbo.TRANSPORTISTA
Dropped Ledger Tables
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Synonyms
Programmability
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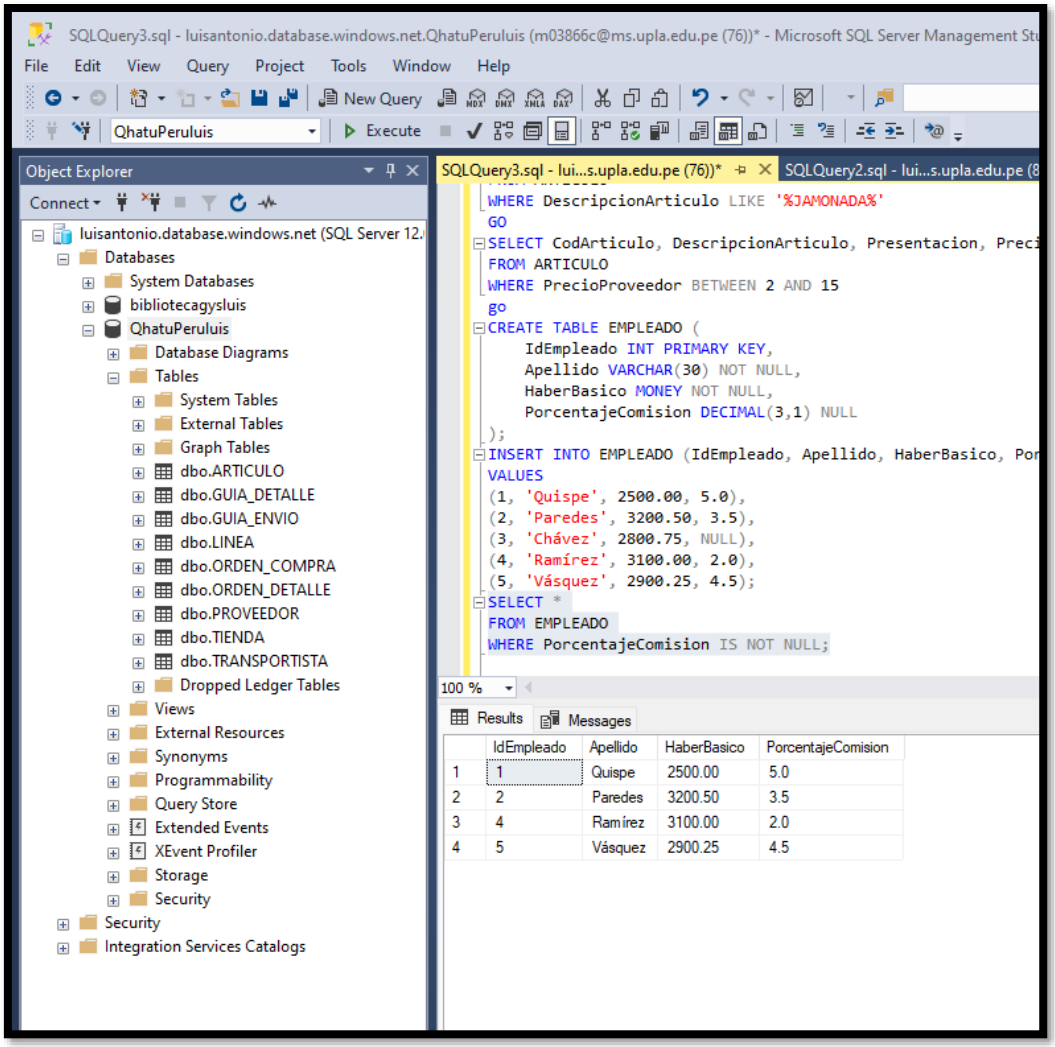
XEvent Profiler
Storage
Security
SQLQuery3.sql - lui...s.upla.edu.pe (76))*
SQLQuery2.sql - lui...s.upla.edu.pe (81))*
(2, 'Jr. Cusco 567', 'Cercado, Cusco', '084-223344'),
(3, 'Calle Real 890', 'Huancayo, Junín', '064-234567');
INSERT INTO GUIA_ENVIO (NumGuia, CodTienda, FechaSalida, CodTransportista) VALUES
(1, 1, '2025-05-20', 1),
(2, 2, '2025-05-21', 2),
(3, 3, '2025-05-22', 3);
INSERT INTO GUIA_DETALLE (NumGuia, CodArticulo, PrecioVenta, CantidadEnviada) VALU
(1, 1, 25.50, 15),
(2, 2, 12.75, 5),
(3, 3, 55.00, 30);
SELECT CodArticulo, PrecioVenta, CantidadEnviada,
Monto = PrecioVenta * CantidadEnviada
FROM GUIA_DETALLE
GO
SELECT CodArticulo, DescripcionArticulo
FROM ARTICULO
WHERE DescripcionArticulo LIKE '%JAMONADA%'
GO
SELECT CodArticulo, DescripcionArticulo, Presentacion, PrecioProveedor
FROM ARTICULO
WHERE PrecioProveedor BETWEEN 2 AND 15
go
100 %
Results
Messages
CodArticulo
DescripcionArticulo
Presentacion
PrecioProveedor
1
2
ACEITE BABY JOHNSONS C/ALOE Y VIT
FRASCO 100ML
3.90
2
3
JAMONADA LAIVE
KILOGRAMO
12.50


SQLQuery3.sql - luisantonio.database.windows.net.QhatuPeruluis (m03866c@ms.upla.edu.pe (76))* - Microsoft SQL Server Management Stu
File Edit View Query Project Tools Window Help
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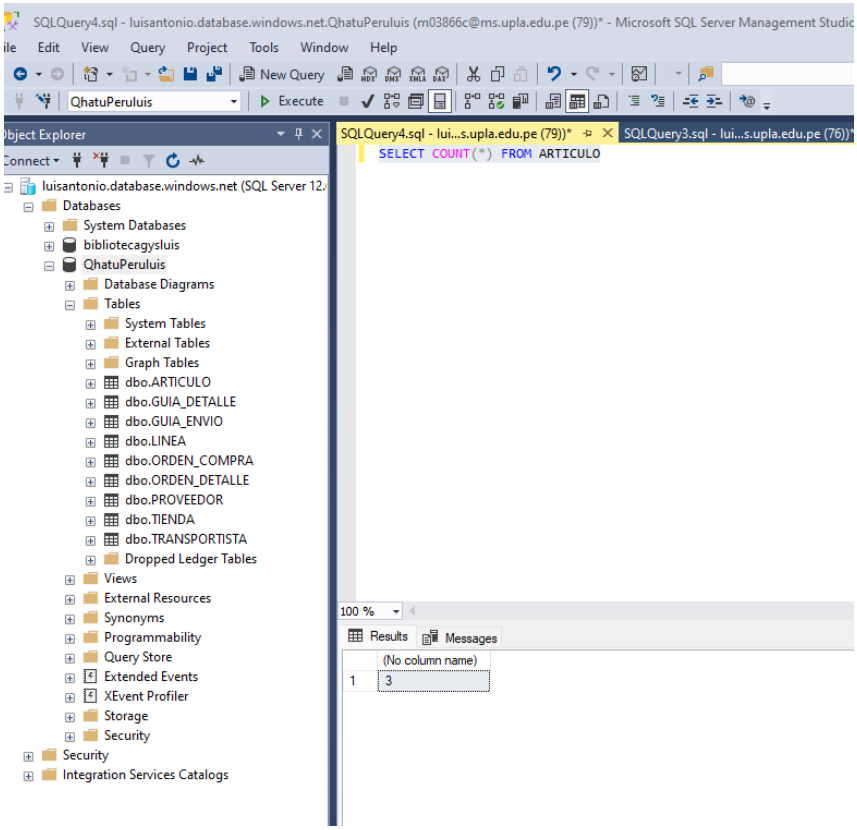
SQLQuery3.sql - lui...s.upla.edu.pe (76))*
SQLQuery2.sql - lui...s.upla.edu.pe (8
WHERE DescripcionArticulo LIKE '%JAMONADA%'
GO
SELECT CodArticulo, DescripcionArticulo, Presentacion, Preci
FROM ARTICULO
WHERE PrecioProveedor BETWEEN 2 AND 15
go
CREATE TABLE EMPLEADO (
IdEmpleado INT PRIMARY KEY,
Apellido VARCHAR(30) NOT NULL,
HaberBasico MONEY NOT NULL,
PorcentajeComision DECIMAL(3,1) NULL
);
INSERT INTO EMPLEADO (IdEmpleado, Apellido, HaberBasico, Por
VALUES
(1, 'Quispe', 2500.00, 5.0),
(2, 'Paredes', 3200.50, 3.5),
(3, 'Chávez', 2800.75, NULL),
(4, 'Ramírez', 3100.00, 2.0),
(5, 'Vásquez', 2900.25, 4.5);
SELECT *
FROM EMPLEADO
WHERE PorcentajeComision IS NOT NULL;
100 %
Results
Messages
IdEmpleado Apellido HaberBasico PorcentajeComision
1 1 Quispe 2500.00 5.0
2 2 Paredes 3200.50 3.5
3 4 Ramírez 3100.00 2.0
4 5 Vásquez 2900.25 4.5

SESION 6:


SQLQuery4.sql - luisantonio.database.windows.net.QhatuPeruluis (m03866c@ms.upla.edu.pe (79))* - Microsoft SQL Server Management Studic
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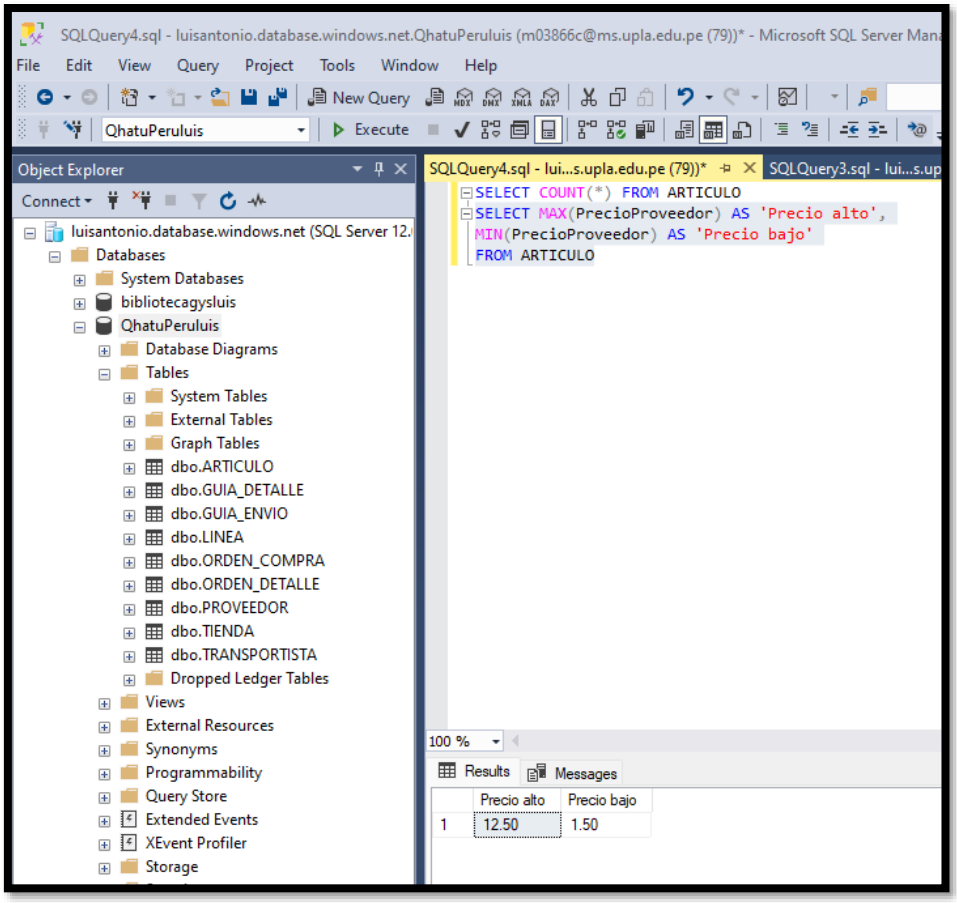
SQLQuery4.sql - lui...s.upla.edu.pe (79))*
SQLQuery3.sql - lui...s.upla.edu.pe (76))*
SELECT COUNT(*) FROM ARTICULO
100 %
Results
Messages
(No column name)
1 3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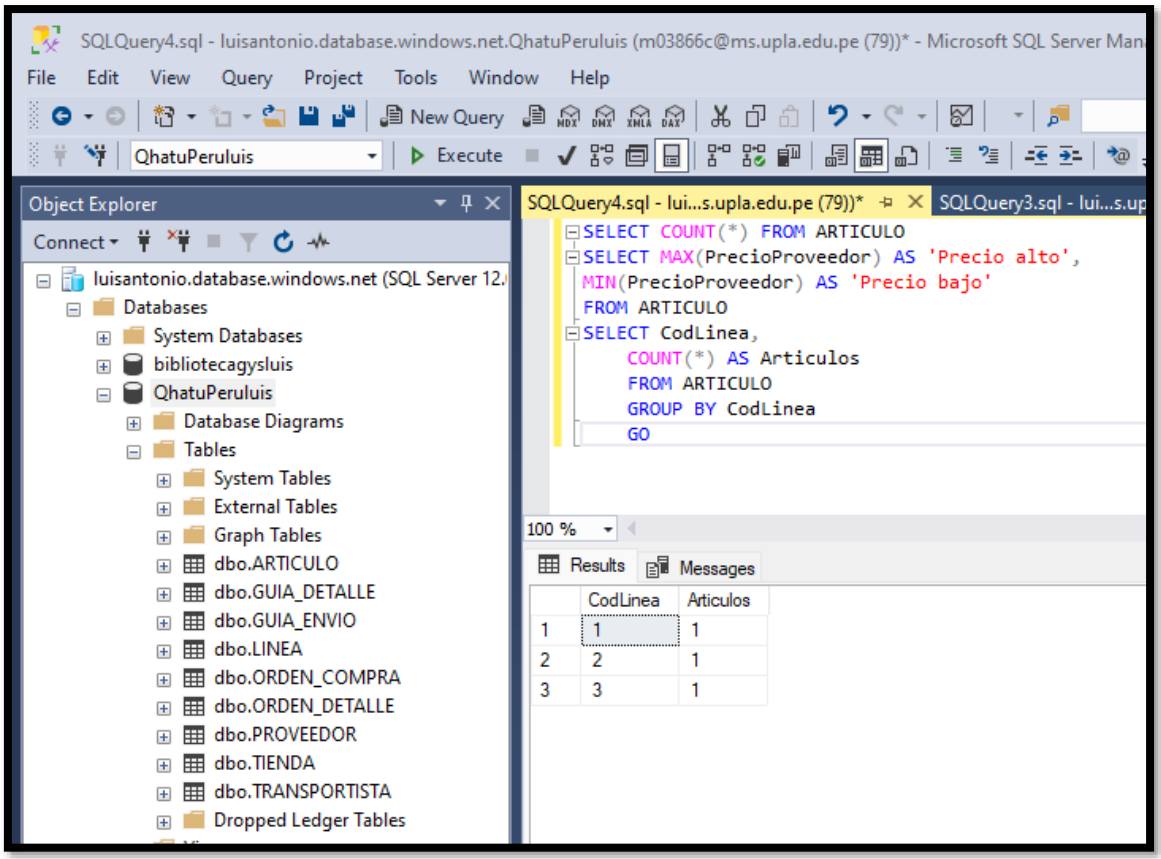
SQLQuery4.sql - lui...s.upla.edu.pe (79))*
SQLQuery3.sql - lui...s.up
SELECT COUNT(*) FROM ARTICULO
SELECT MAX(PrecioProveedor) AS 'Precio alto',
MIN(PrecioProveedor) AS 'Precio bajo'
FROM ARTICULO
100 %
Results
Messages
Precio alto
Precio bajo
1
12.50
1.50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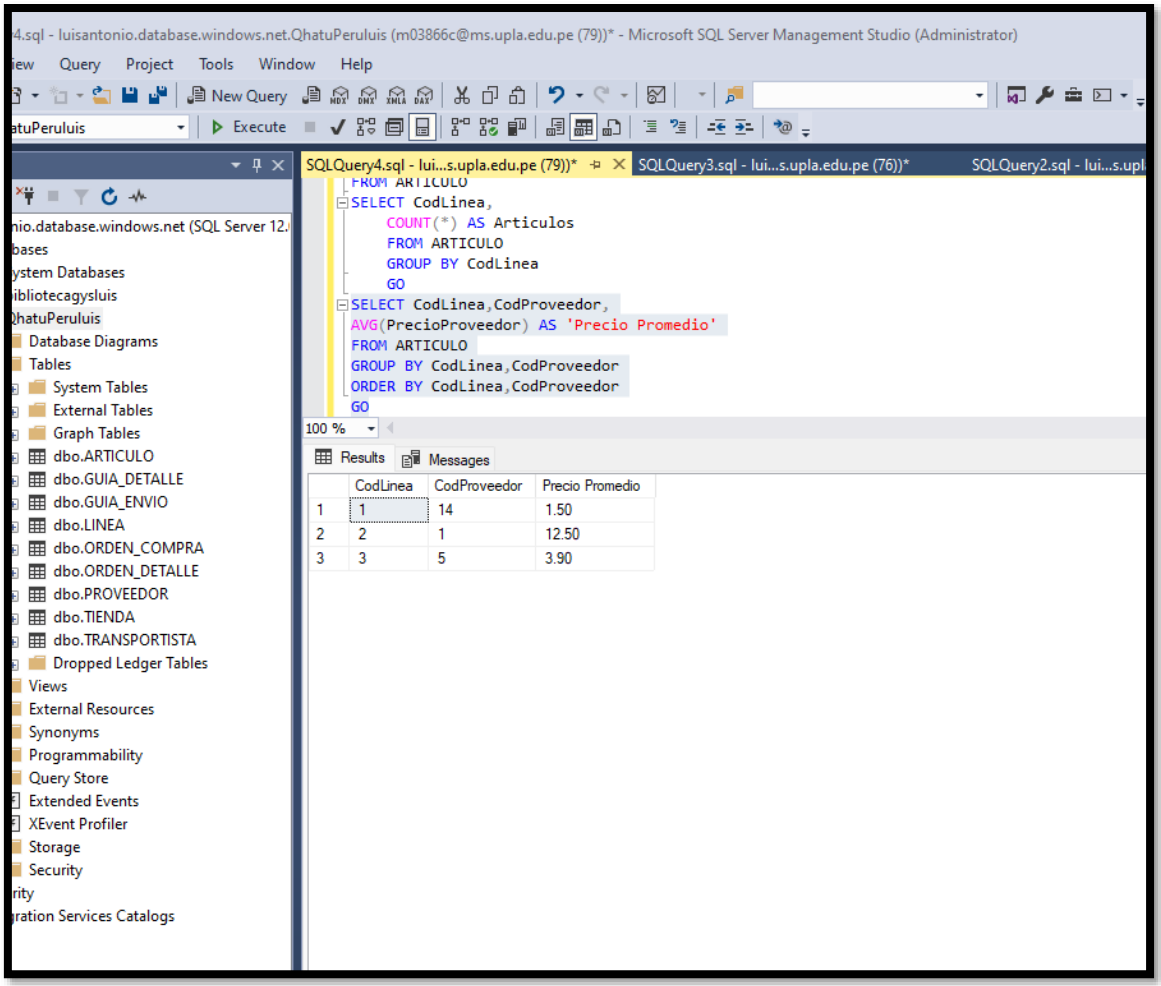
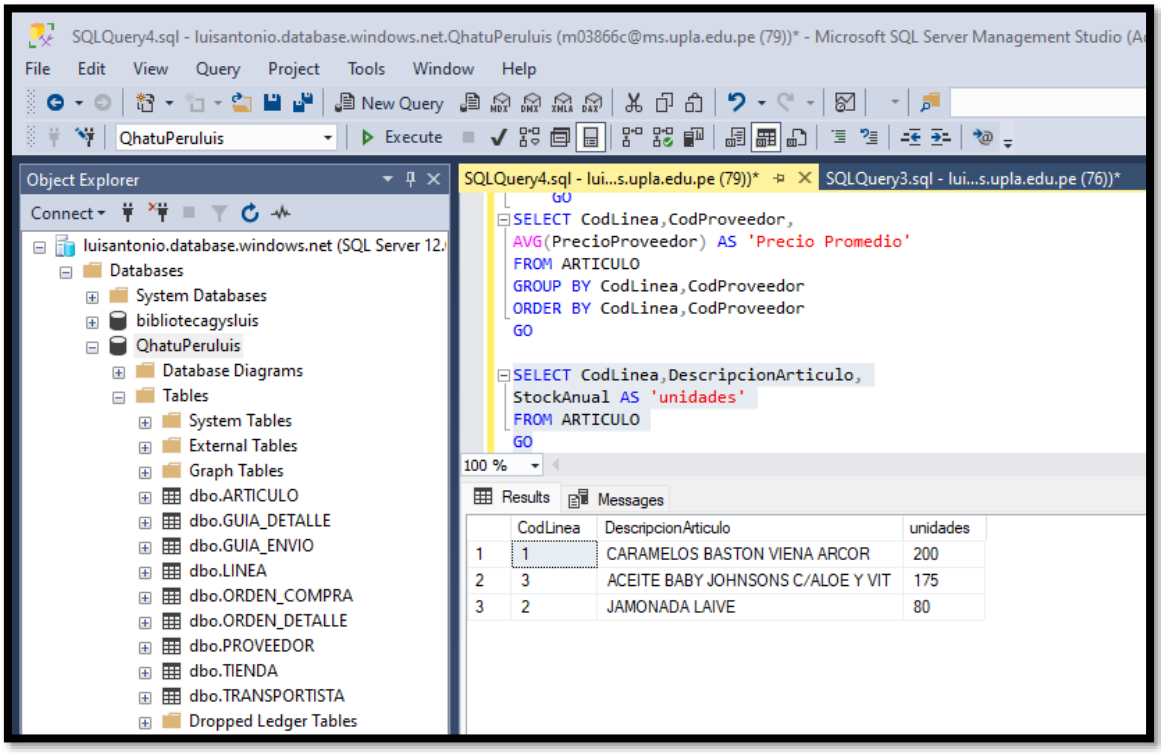
SQLQuery4.sql - lui...s.upla.edu.pe (79))*
SQLQuery3.sql - lui...s.up
SELECT COUNT(*) FROM ARTICULO
SELECT MAX(PrecioProveedor) AS 'Precio alto',
MIN(PrecioProveedor) AS 'Precio bajo'
FROM ARTICULO
SELECT CodLinea,
COUNT(*) AS Articulos
FROM ARTICULO
GROUP BY CodLinea
GO
100 %
Results
Messages
CodLinea
Articulos
1
1
1
2
2
1
3
3
1


4.sql - luisantonio.database.windows.net.QhatuPeruluis (m03866c@ms.upla.edu.pe (79))* - Microsoft SQL Server Management Studio (Administrator)
File Edit View Query Project Tools Window Help
New Query
Execute
SQLQuery4.sql - lui...s.upla.edu.pe (79))*
SQLQuery3.sql - lui...s.upla.edu.pe (76))*
SELECT CodLinea,
COUNT(*) AS Articulos
FROM ARTICULO
GROUP BY CodLinea
GO
SELECT CodLinea,CodProveedor,
AVG(PrecioProveedor) AS 'Precio Promedio'
FROM ARTICULO
GROUP BY CodLinea,CodProveedor
ORDER BY CodLinea,CodProveedor
GO
100 %
Results
Messages
CodLinea CodProveedor Precio Promedio
1 1 14 1.50
2 2 1 12.50
3 3 5 3.90


SQLQuery4.sql - luisantonio.database.windows.net.QhatuPeruluis (m03866c@ms.upla.edu.pe (79))* - Microsoft SQL Server Management Studio
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dbo.ORDEN_DETALLE
dbo.PROVEEDOR
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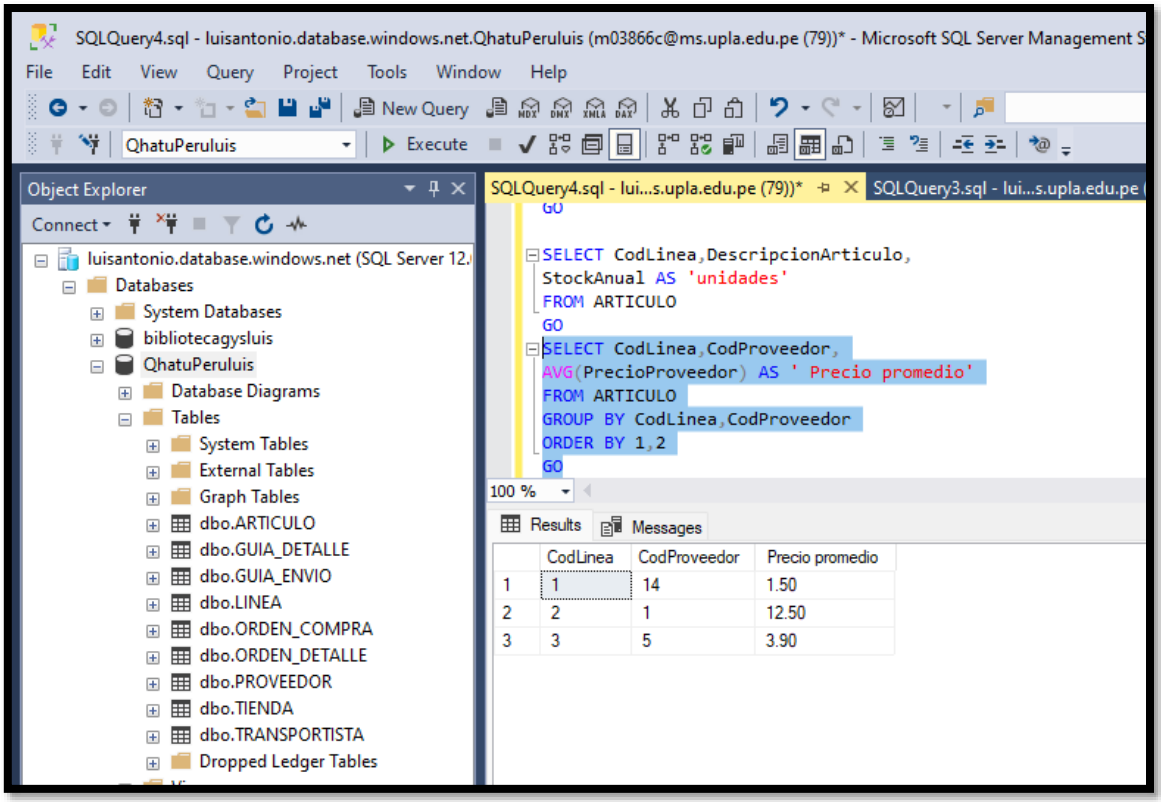
SQLQuery4.sql - lui...s.upla.edu.pe (79))*
SQLQuery3.sql - lui...s.upla.edu.pe (76))*
GO
SELECT CodLinea,CodProveedor,
AVG(PrecioProveedor) AS 'Precio Promedio'
FROM ARTICULO
GROUP BY CodLinea,CodProveedor
ORDER BY CodLinea,CodProveedor
GO
SELECT CodLinea,DescripcionArticulo,
StockAnual AS 'unidades'
FROM ARTICULO
GO
100 %
Results
Messages
CodLinea DescripcionArticulo unidades
1 1 CARAMELOS BASTON VIENA ARCOR 200
2 3 ACEITE BABY JOHNSONS C/ALOE Y VIT 175
3 2 JAMONADA LAIVE 80


SQLQuery4.sql - luisantonio.database.windows.net.QhatuPeruluis (m03866c@ms.upla.edu.pe (79))* - Microsoft SQL Server Management S
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SQLQuery4.sql - lui...s.upla.edu.pe (79))*
SQLQuery3.sql - lui...s.upla.edu.pe
GO
SELECT CodLinea,DescripcionArticulo,
StockAnual AS 'unidades'
FROM ARTICULO
GO
SELECT CodLinea,CodProveedor,
AVG(PrecioProveedor) AS ' Precio promedio'
FROM ARTICULO
GROUP BY CodLinea,CodProveedor
ORDER BY 1,2
GO
100 %
Results
Messages
CodLinea
CodProveedor
Precio promedio
1 1 14 1.50
2 2 1 12.50
3 3 5 3.90