



UNIVERSIDAD  
NACIONAL  
AUTÓNOMA DE  
NICARAGUA,  
MANAGUA  
UNAN-MANAGUA

# Administración De Base De Datos

Trabajo realizado por:

○ Oscar E. Martínez Jarquín

Docente:

○ Eliab Selva

Carrera:

○ Ingeniería en Sistemas de Información III

SQLQuery1.sql - D:\P2\UNANCH15 (53))\* X DESKTOP-TMJCP2\...wind - Diagram\_0\*

```
SELECT * FROM Categories
```

```
SELECT Categoryname, categoryID from Categories
```

100 %

Results Messages

	CategoryID	CategoryName	Description	Picture
1	1	Beverages	Soft drinks, coffees, teas, beers, and ales	0x151C2F0002000000D000E0014002100FFFFFFFFF4269746...
2	2	Condiments	Sweet and savory sauces, relishes, spreads, and ...	0x151C2F0002000000D000E0014002100FFFFFFFFF4269746...
3	3	Confections	Desserts, candies, and sweet breads	0x151C2F0002000000D000E0014002100FFFFFFFFF4269746...
4	4	Dairy Products	Cheeses	0x151C2F0002000000D000E0014002100FFFFFFFFF4269746...
5	5	Grains/Cereals	Breads, crackers, pasta, and cereal	0x151C2F0002000000D000E0014002100FFFFFFFFF4269746...
6	6	Meat/Poultry	Prepared meats	0x151C2F0002000000D000E0014002100FFFFFFFFF4269746...
7	7	Produce	Dried fruit and bean curd	0x151C2F0002000000D000E0014002100FFFFFFFFF4269746...
8	8	Seafood	Seaweed and fish	0x151C2F0002000000D000E0014002100FFFFFFFFF4269746...

	Categoryname	categoryID
1	Beverages	1
2	Condiments	2
3	Confections	3
4	Dairy Products	4
5	Grains/Cereals	5
6	Meat/Poultry	6
7	Produce	7
8	Seafood	8

Query executed successfully. | DESKTOP-TMJCP2\SERVERDORSQL... | DESKTOP-TMJCP2\UNANCH... | Northwind | 00:00:00 | 16 rows

SQLQuery2.sql - D:\P2\UNANCH15 (68))\* X DESKTOP-TMJCQP2\...wind - Diagram\_0\*

```
SELECT OrderID, ProductID, UnitPrice
FROM [Order Details]
WHERE OrderID= 10251
```

100 %

Results Messages

	OrderID	ProductID	UnitPrice
1	10251	22	16.80
2	10251	57	15.60
3	10251	65	16.80

Query executed successfully. DESKTOP-TMJCQP2\SERVIDORSQL... DESKTOP-TMJCQP2\UNANCH... Northwind 00:00:00 3 rows

DESKTOP-TMJCQP2\...wind - Diagram\_0\*    SQLQuery3.sql - D:\...P2\UNANCH15 (53))

```
SELECT CompanyName FROM Customers  
WHERE CompanyName= 'Alfreds FutterKiste'
```

100 %

Results    Messages

	CompanyName
1	Alfreds Futterkiste

Query executed successfully.    DESKTOP-TMJCQP2\SERVERDORSQL...    DESKTOP-TMJCQP2\UNANCH...    Northwind    00:00:00    1 rows

SQLQuery4.sql - D:\P2\UNANCH15 (67)) \* DESKTOP-TMJCP2\...wind - Diagram\_0\*

```
SELECT OrderID, ProductID, UnitPrice
FROM [Order Details]
WHERE OrderID=10251 AND ProductID =57
```

100 %

Results Messages

	OrderID	ProductID	UnitPrice
1	10251	57	15.60

Query executed successfully.

DESKTOP-TMJCP2\SERVERDORSQL... | DESKTOP-TMJCP2\UNANCH... | Northwind | 00:00:00 | 1 rows

SQLQuery7.sql - D:\P2\UNANCH15 (52))\* X DESKTOP-TMJCQP2\...wind - Diagram\_0\*

```

SELECT OrderID, ProductID, UnitPrice
FROM [Order Details]
WHERE OrderID=10251 OR ProductID=57

```

110 %

Results Messages

	OrderID	ProductID	UnitPrice
1	10251	22	16.80
2	10251	57	15.60
3	10251	65	16.80
4	10260	57	15.60
5	10282	57	15.60
6	10326	57	15.60
7	10355	57	15.60
8	10368	57	15.60
9	10416	57	15.60
10	10438	57	15.60
11	10535	57	19.50
12	10578	57	19.50
13	10582	57	19.50
14	10597	57	19.50
15	10707	57	19.50
16	10755	57	19.50
17	10823	57	19.50
18	10826	57	19.50
19	10836	57	19.50
20	10851	57	19.50

Query executed successfully. DESKTOP-TMJCQP2\SERVIDORSQL... DESKTOP-TMJCQP2\UNANCH... Northwind 00:00:00 25 rows

SQLQuery5.sql - D:\P2\UNANCH15 (52)) \* X DESKTOP-TMJCP2\...wind - Diagram\_0\*

```
SELECT OrderID, ProductId, UnitPrice
FROM [Order Details]
Where OrderID>=11000
```

110 %

Results Messages

	OrderID	ProductId	UnitPrice
1	11000	4	22.00
2	11000	24	4.50
3	11000	77	13.00
4	11001	7	30.00
5	11001	22	21.00
6	11001	46	12.00
7	11001	55	24.00
8	11002	13	6.00
9	11002	35	18.00
10	11002	42	14.00
11	11002	55	24.00
12	11003	1	18.00
13	11003	40	18.40
14	11003	52	7.00
15	11004	26	31.23
16	11004	76	18.00
17	11005	1	18.00
18	11005	59	55.00
19	11006	1	18.00
20	11006	29	123.79
21	11007	8	10.00

Query executed successfully. DESKTOP-TMJCP2\SERVERDORSQL... DESKTOP-TMJCP2\UNANCH... Northwind 00:00:00 215 rows

SQLQuery7.sql - D:\P2\UNANCH15 (52))" × DESKTOP-TMJCQP2\...wind - Diagram\_0"

```
SELECT OrderID, ProductID, UnitPrice
FROM [Order Details]
WHERE OrderID=10251 AND ProductID=57
```

110 %

Results Messages

	OrderID	ProductID	UnitPrice
1	10251	57	15.60

Query executed successfully.

DESKTOP-TMJCQP2\SERVIDORSQL... DESKTOP-TMJCQP2\UNANCH... Northwind 00:00:00 1 rows



SQLQuery6.sql - D...P2\UNANCH15 (53)) \* - X DESKTOP-TMJCQP2\...wind - Diagram\_0\*

```
SELECT OrderID, ProductID, UnitPrice
FROM [Order Details]
WHERE OrderID>=11000 AND OrderID<=11003
```

110 %

Results Messages

	OrderID	ProductID	UnitPrice
1	11000	4	22.00
2	11000	24	4.50
3	11000	77	13.00
4	11001	7	30.00
5	11001	22	21.00
6	11001	46	12.00
7	11001	55	24.00
8	11002	13	6.00
9	11002	35	18.00
10	11002	42	14.00
11	11002	55	24.00
12	11003	1	18.00
13	11003	40	18.40
14	11003	52	7.00

Query executed successfully. DESKTOP-TMJCQP2\SERVERDORSQL... DESKTOP-TMJCQP2\UNANCH... Northwind 00:00:00 14 rows

SQLQuery8.sql - D:\P2\UNANCH15 (52)))\* DESKTOP-TMJCP2\...wind - Diagram\_0\*

```
SELECT OrderID, ProductID, UnitPrice
FROM [Order Details]
WHERE OrderID BETWEEN 11000 AND 11003
```

110 %

Results Messages

	OrderID	ProductID	UnitPrice
1	11000	4	22.00
2	11000	24	4.50
3	11000	77	13.00
4	11001	7	30.00
5	11001	22	21.00
6	11001	46	12.00
7	11001	55	24.00
8	11002	13	6.00
9	11002	35	18.00
10	11002	42	14.00
11	11002	55	24.00
12	11003	1	18.00
13	11003	40	18.40
14	11003	52	7.00

✓ Query executed successfully. DESKTOP-TMJCP2\SERVERDORSQL... DESKTOP-TMJCP2\UNANCH... Northwind 00:00:00 14 rows

SQLQuery9.sql - D:\P2\UNANCH15 (52)) \* X DESKTOP-TMJCQP2\...wind - Diagram\_0\*

```
SELECT CompanyName FROM Customers  
WHERE companyName LIKE 'A%'
```

110 %

Results Messages

	CompanyName
1	Alfreds Futterkiste
2	Ana Trujillo Emparedados y helados
3	Antonio Moreno Taquería
4	Around the Horn

Query executed successfully. DESKTOP-TMJCQP2\SERVERDORSQL... DESKTOP-TMJCQP2\UNANCH... Northwind 00:00:00 4 rows

SQLQuery9.sql - D:\P2\UNANCH15 (52))\* DESKTOP-TMJCQP2\...wind - Diagram\_0\*

```
SELECT CompanyName FROM Customers
WHERE companyName LIKE '%MA'
```

110 %

Results Messages

	CompanyName
1	Centro comercial Moctezuma

Query executed successfully. DESKTOP-TMJCQP2\SERVIDORSQL... DESKTOP-TMJCQP2\UNANCH... Northwind 00:00:00 1 rows

SQLQuery9.sql - D:\P2\UNANCH15 (52)\* DESKTOP-TMJCQP2\...wind - Diagram\_0\*

```
SELECT RegionDescription FROM Region
WHERE RegionDescription LIKE '%TERN%'
```

110 %

Results Messages

	RegionDescription
1	Eastern
2	Western

Query executed successfully. DESKTOP-TMJCQP2\SERVIDORSQL... DESKTOP-TMJCQP2\UNANCH... Northwind 00:00:00 2 rows

SQLQuery9.sql - D:\P2\UNANCH15 (52))\* DESKTOP-TMJCQP2\...wind - Diagram\_0\*

```
SELECT OrderID FROM [Order Details]
WHERE OrderID LIKE '_0285'
```

110 %

Results Messages

	OrderID
1	10285
2	10285
3	10285

Query executed successfully. DESKTOP-TMJCQP2\SERVIDORSQL... DESKTOP-TMJCQP2\UNANCH... Northwind 00:00:00 3 rows

SQLQuery9.sql - D:\P2\UNANCH15 (52)) \* DESKTOP-TMJCQP2\...wind - Diagram\_0\*

```
SELECT CompanyName FROM Customers  
WHERE CompanyName LIKE '[a-c]%'
```

110 %

Results Messages

	CompanyName
1	Alfreds Futterkiste
2	Ana Trujillo Emparedados y helados
3	Antonio Moreno Taquería
4	Around the Horn
5	Berglunds snabbköp
6	Blauer See Delikatessen
7	Blondesdøl père et fils
8	Bólido Comidas preparadas
9	Bon app'
10	Bottom-Dollar Markets
11	B's Beverages
12	Cactus Comidas para llevar
13	Centro comercial Moctezuma
14	Chop-suey Chinese
15	Comércio Mineiro
16	Consolidated Holdings

✓ Query executed successfully. DESKTOP-TMJCQP2\SERVERDORSQL... DESKTOP-TMJCQP2\UNANCH... Northwind 00:00:00 16 rows

SQLQuery1.sql - DE...Northwind (sa (65)) \* - X DESKTOP-AFL28HP\...hwind - Diagram\_1\*

```
SELECT * FROM [Order Details]
WHERE OrderID IN (10248,10255,10270)
```

100 %

Results Messages

	OrderID	ProductID	UnitPrice	Quantity	Discount
1	10248	11	14.00	12	0
2	10248	42	9.80	10	0
3	10248	72	34.80	5	0
4	10255	2	15.20	20	0
5	10255	16	13.90	35	0
6	10255	36	15.20	25	0
7	10255	59	44.00	30	0
8	10270	36	15.20	30	0
9	10270	43	36.80	25	0

Query executed successfully. DESKTOP-AFL28HP\OSCAR (15.0... sa (65) Northwind 00:00:00 9 rows



SQLQuery1.sql - DE...Northwind (sa (65))\* - DESKTOP-AFL28HP\...hwind - Diagram\_1\*

```
SELECT * FROM [Order Details]
WHERE OrderID=1028 OR OrderID=10255 OR OrderID=10270
```

100 %

Results Messages

	OrderID	ProductID	UnitPrice	Quantity	Discount
1	10255	2	15.20	20	0
2	10255	16	13.90	35	0
3	10255	36	15.20	25	0
4	10255	59	44.00	30	0
5	10270	36	15.20	30	0
6	10270	43	36.80	25	0

Query executed successfully. DESKTOP-AFL28HP\OSCAR (15.0... sa (65) Northwind 00:00:00 6 rows

SQLQuery1.sql - DE...Northwind (sa (65))\* X DESKTOP-AFL28HP\...hwind - Diagram\_1\*

```
SELECT CategoryName, CategoryID FROM Categories  
ORDER BY CategoryName ASC
```

100 %

Results Messages

	CategoryName	CategoryID
1	Beverages	1
2	Condiments	2
3	Confections	3
4	Dairy Products	4
5	Grains/Cereals	5
6	Meat/Poultry	6
7	Produce	7
8	Seafood	8

Query executed successfully. DESKTOP-AFL28HP\OSCAR (15.0... sa (65) Northwind 00:00:00 8 rows

SQLQuery1.sql - DE...Northwind (sa (65))\* X DESKTOP-AFL28HP\...hwind - Diagram\_1\*

```
SELECT CategoryName, CategoryID FROM Categories
ORDER BY CategoryName
```

100 %

Results Messages

	CategoryName	CategoryID
1	Beverages	1
2	Condiments	2
3	Confections	3
4	Dairy Products	4
5	Grains/Cereals	5
6	Meat/Poultry	6
7	Produce	7
8	Seafood	8

Query executed successfully. DESKTOP-AFL28HP\OSCAR (15.0... sa (65) Northwind 00:00:00 8 rows

SQLQuery1.sql - DE...Northwind (sa (65)) \* x DESKTOP-AFL28HP\...hwind - Diagram\_1\*

```
SELECT CategoryName, CategoryID FROM Categories  
ORDER BY CategoryName DESC
```

100 %

Results Messages Client Statistics

	CategoryName	CategoryID
1	Seafood	8
2	Produce	7
3	Meat/Poultry	6
4	Grains/Cereals	5
5	Dairy Products	4
6	Confections	3
7	Condiments	2
8	Beverages	1

Query executed successfully. DESKTOP-AFL28HP\OSCAR (15.0... sa (65) Northwind 00:00:00 8 rows

SQLQuery1.sql - DE...Northwind (sa (65)) \* x DESKTOP-AFL28HP\...hwind - Diagram\_1\*

```
SELECT DISTINCT SupplierID, CategoryID FROM Products
```

100 %

Results Messages Client Statistics

	SupplierID	CategoryID
1	1	1
2	1	2
3	2	2
4	3	2
5	3	7
6	4	6
7	4	7
8	4	8
9	5	4
10	6	2
11	6	7
12	6	8
13	7	1
14	7	2
15	7	3
16	7	6
17	7	8
18	8	3
19	9	5

Query executed successfully. DESKTOP-AFL28HP\OSCAR (15.0... sa (65) Northwind 00:00:00 49 rows

SQLQuery1.sql - DE...Northwind (sa (65)) \* x DESKTOP-AFL28HP\...hwind - Diagram\_1\*

```
SELECT CategoryID AS [Codigo de la Categoria],  
       CategoryName AS [Nombre de la Categoria]  
FROM Categories
```

100 %

Results Messages Client Statistics

	Codigo de la Categoria	Nombre de la Categoria
1	1	Beverages
2	2	Condiments
3	3	Confections
4	4	Dairy Products
5	5	Grains/Cereals
6	6	Meat/Poultry
7	7	Produce
8	8	Seafood

Query executed successfully. DESKTOP-AFL28HP\OSCAR (15.0... sa (65) Northwind 00:00:00 8 rows

SQLQuery1.sql - DE...Northwind (sa (65))\* X DESKTOP-AFL28HP\...hwind - Diagram\_1\*

```

SELECT ProductID, ProductName, UnitPrice, UnitPrice*1.10 AS Aumento
FROM Products

```

100 %

Results Messages Client Statistics

	ProductID	ProductName	UnitPrice	Aumento
1	1	Chai	18.00	19.800000
2	2	Chang	19.00	20.900000
3	3	Aniseed Syrup	10.00	11.000000
4	4	Chef Anton's Cajun Seasoning	22.00	24.200000
5	5	Chef Anton's Gumbo Mix	21.35	23.485000
6	6	Grandma's Boysenberry Spread	25.00	27.500000
7	7	Uncle Bob's Organic Dried Pears	30.00	33.000000
8	8	Northwoods Cranberry Sauce	40.00	44.000000
9	9	Mishi Kobe Niku	97.00	106.700000
10	10	Ikura	31.00	34.100000
11	11	Queso Cabrales	21.00	23.100000
12	12	Queso Manchego La Pastora	38.00	41.800000
13	13	Konbu	6.00	6.600000
14	14	Tofu	23.25	25.575000
15	15	Genen Shouyu	15.50	17.050000
16	16	Pavlova	17.45	19.195000
17	17	Alice Mutton	39.00	42.900000
18	18	Camarvon Tigers	62.50	68.750000
19	19	Teatime Chocolate Biscuits	9.20	10.120000

Query executed successfully. DESKTOP-AFL28HP\OSCAR (15.0... sa (65) Northwind 00:00:00 77 rows

SQLQuery1.sql - DE...Northwind (sa (65)) \* X DESKTOP-AFL28HP\...hwind - Diagram\_1\*

```
SELECT TOP 3 OrderID, (UnitPrice*Quantity) AS [Venta Total]
FROM [Order Details]
ORDER BY [Venta Total] DESC
```

100 %

Results Messages Client Statistics

	OrderID	Venta Total
1	10865	15810.00
2	10981	15810.00
3	10353	10540.00

Query executed successfully. DESKTOP-AFL28HP\OSCAR (15.0... sa (65) Northwind 00:00:00 3 rows



SQLQuery1.sql - DE...Northwind (sa (65)) \* x DESKTOP-AFL28HP\...hwind - Diagram\_1\*

```
SELECT TOP 25 PERCENT OrderID, (UnitPrice*Quantity) AS [Venta Total]
FROM [Order Details]
ORDER BY [Venta Total] DESC
```

100 %

Results Messages Client Statistics

	OrderID	Venta Total
1	10865	15810.00
2	10981	15810.00
3	10889	10540.00
4	10353	10540.00
5	10417	10540.00
6	10424	10329.20
7	10897	9903.20
8	10372	8432.00
9	10540	7905.00
10	10816	7905.00
11	10817	7905.00
12	10912	7427.40
13	11030	7427.40
14	11032	6587.50
15	10776	6360.00
16	10479	6324.00
17	10993	6189.50
18	11017	6050.00
19	11030	5500.00

Query executed successfully. DESKTOP-AFL28HP\OSCAR (15.0... sa (65) Northwind 00:00:00 539 rows

SQLQuery1.sql - DE...Northwind (sa (65)) \* X DESKTOP-AFL28HP\...hwind - Diagram\_1\*

```
SELECT EmployeeID, LastName FROM Employees  
WHERE LastName LIKE 'D%'
```

100 %

Results Messages Client Statistics

	EmployeeID	LastName
1	1	Davolio
2	9	Dodsworth

Query executed successfully. DESKTOP-AFL28HP\OSCAR (15.0... sa (65) Northwind 00:00:00 2 rows

SQLQuery1.sql - DE...Northwind (sa (65)) \* DESKTOP-AFL28HP\...hwind - Diagram\_1\*

```
SELECT EmployeeID, LastName FROM Employees
WHERE LastName LIKE '%N'
```

100 %

Results Messages Client Statistics

	EmployeeID	LastName
1	5	Buchanan
2	8	Callahan

Query executed successfully. DESKTOP-AFL28HP\OSCAR (15.0... sa (65) Northwind 00:00:00 2 rows

SQLQuery1.sql - DE...Northwind (sa (65)) \* - X DESKTOP-AFL28HP\...hwind - Diagram\_1\*

```
SELECT EmployeeID, LastName, Title FROM Employees
WHERE Title LIKE '%SALES%'
```

100 %

Results Messages Client Statistics

	EmployeeID	LastName	Title
1	1	Davolio	Sales Representative
2	2	Fuller	Vice President, Sales
3	3	Leverling	Sales Representative
4	4	Peacock	Sales Representative
5	5	Buchanan	Sales Manager
6	6	Suyama	Sales Representative
7	7	King	Sales Representative
8	8	Callahan	Inside Sales Coordinator
9	9	Dodsworth	Sales Representative

Query executed successfully. DESKTOP-AFL28HP\OSCAR (15.0... sa (65) Northwind 00:00:00 9 rows

SQLQuery1.sql - DE...Northwind (sa (65))\* X DESKTOP-AFL28HP\...hwind - Diagram\_1\*

```
SELECT EmployeeID, LastName, Title FROM Employees
WHERE Title NOT LIKE '%REPRESENTATIVE%'
```

100 %

Results Messages Client Statistics

	EmployeeID	LastName	Title
1	2	Fuller	Vice President, Sales
2	5	Buchanan	Sales Manager
3	8	Callahan	Inside Sales Coordinator

Query executed successfully.

DESKTOP-AFL28HP\OSCAR (15.0... sa (65) Northwind 00:00:00 3 rows

SQLQuery1.sql - DE...Northwind (sa (65)) \* X DESKTOP-AFL28HP\...hwind - Diagram\_1\*

```
SELECT OrderID FROM [Order Details]
WHERE OrderID LIKE '0248'
```

100 %

Results Messages Client Statistics

	OrderID
1	10248
2	10248
3	10248

Query executed successfully. DESKTOP-AFL28HP\OSCAR (15.0... sa (65) Northwind 00:00:00 3 rows

SQLQuery1.sql - DE...Northwind (sa (65)) \* X DESKTOP-AFL28HP\...hwind - Diagram\_1\*

```
SELECT OrderID FROM [Order Details]
WHERE OrderID LIKE '10[1-5]48'
```

100 %

Results Messages

	OrderID
1	10348
2	10248
3	10348
4	10448
5	10548
6	10448
7	10548
8	10248
9	10248

Query executed successfully. DESKTOP-AFL28HP\OSCAR (15.0... sa (65) Northwind 00:00:00 9 rows