

usuario (Tutor)



Detalles de lección:

27/03/2018 7:16 a. m.

Profesor: Diego Ponce
Lección: Select, Top, Where, Order by
Sala: LABG



Pantalla de Tutor

27/03/2018 7:39 a. m.

Usando el estándar SQL92

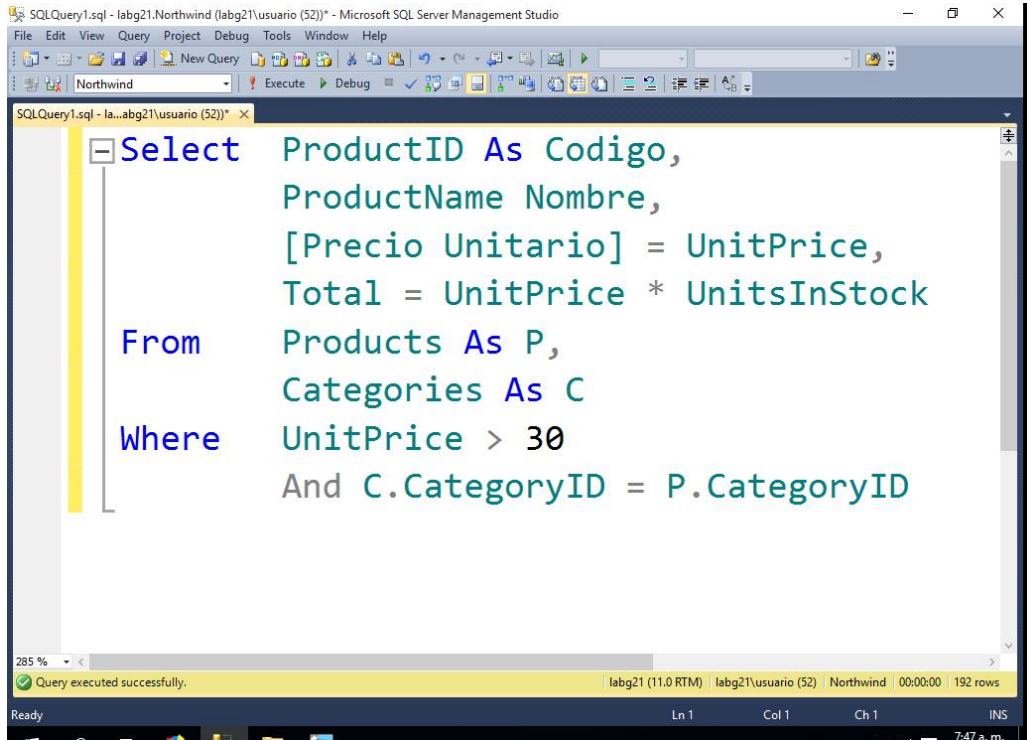
The screenshot shows the Microsoft SQL Server Management Studio interface. The title bar indicates the file is 'SQLQuery1.sql' in the 'labg21\Northwind' database, connected as 'usuario (52)'. The menu bar includes File, Edit, View, Query, Project, Debug, Tools, Window, and Help. The toolbar contains icons for New Query, Execute, and Debug. The main query editor displays the following SQL code:

```
Select ProductID AsCodigo,  
        ProductName Nombre,  
        [Precio Unitario] = UnitPrice,  
        Total = UnitPrice * UnitsInStock  
From Products As P  
Join Categories As C  
On C.CategoryID = P.CategoryID  
Where UnitP
```

A tooltip for 'UnitP' indicates it is 'column CategoryID(PK, int, not null)'. The status bar at the bottom shows 'Query executed successfully.' and 'labg21 (11.0 RTM) | labg21\usuario (52) | Northwind | 00:00:00 | 24 rows'. The bottom-most status bar shows 'Ready', 'Ln 7', 'Col 16', 'Ch 10', and 'INS'.



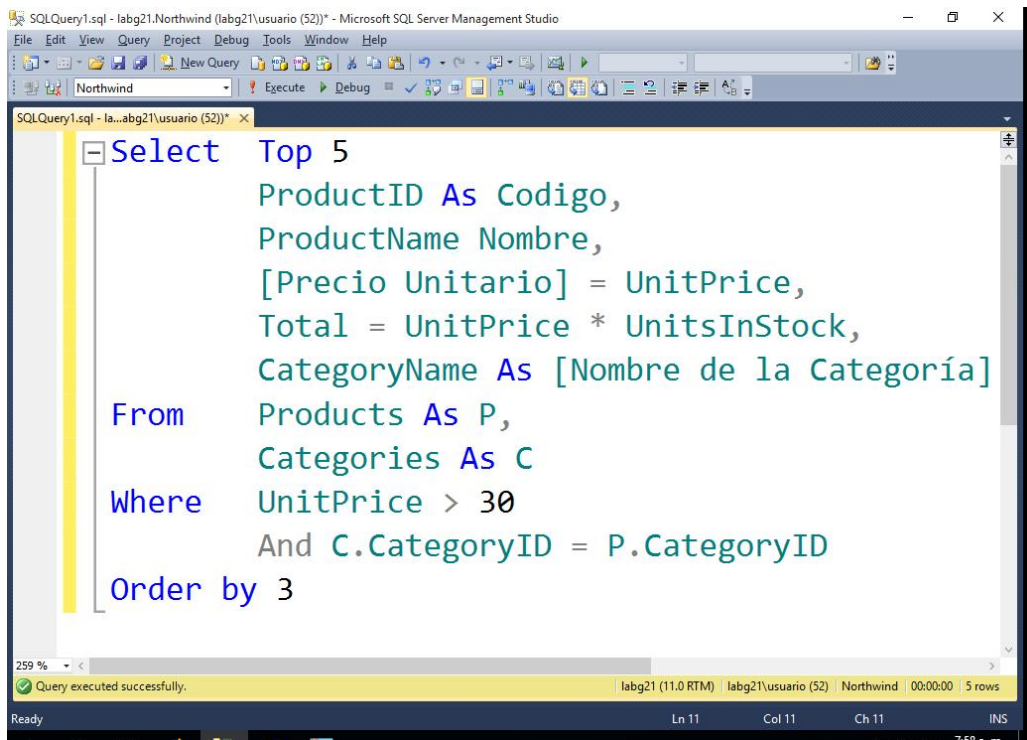
Usando el estándar SQL89, IMPORTANTE no olvidar la relación en el WHERE



```
SQLQuery1.sql - labg21\Northwind (labg21\usuario (52)) - Microsoft SQL Server Management Studio
File Edit View Query Project Debug Tools Window Help
Northwind
SQLQuery1.sql - la...abg21\usuario (52))
Select ProductID AsCodigo,
        ProductName Nombre,
        [Precio Unitario] = UnitPrice,
        Total = UnitPrice * UnitsInStock
From Products As P,
     Categories As C
Where UnitPrice > 30
      And C.CategoryID = P.CategoryID
285 %
Query executed successfully. labg21 (11.0 RTM) labg21\usuario (52) Northwind 00:00:00 192 rows
Ready Ln 1 Col 1 Ch 1 INS 7:47 a. m.
```



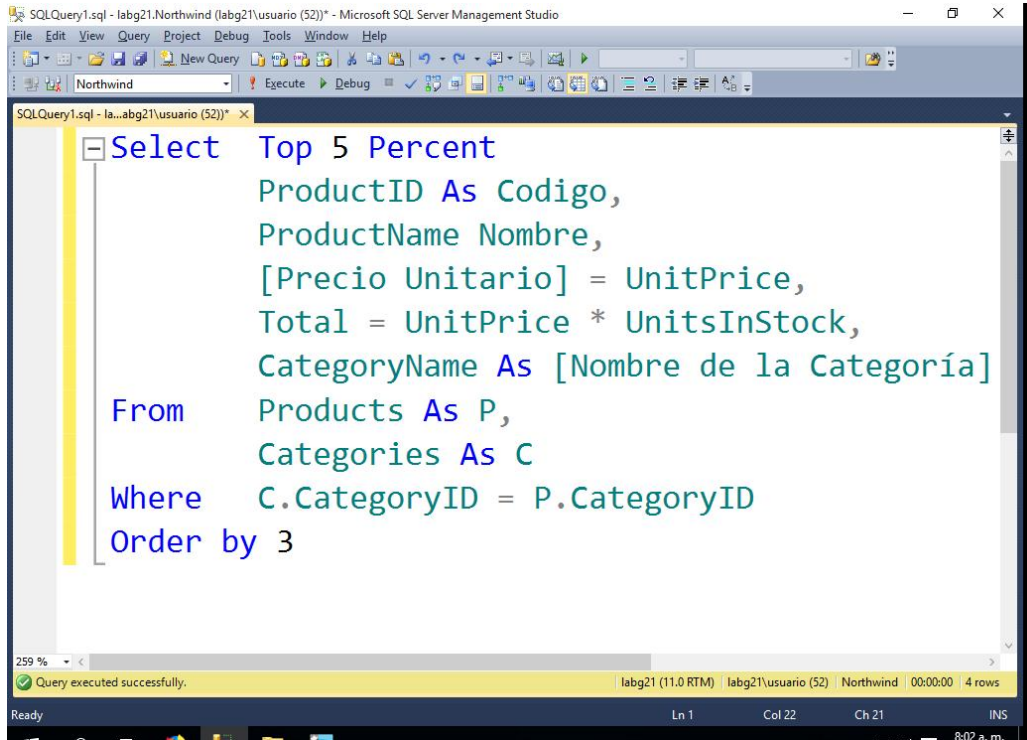
La cláusula TOP muestra una cantidad de registros determinada de la parte superior de los resultados de la consulta.



```
SQLQuery1.sql - labg21\Northwind (labg21\usuario (52)) - Microsoft SQL Server Management Studio
File Edit View Query Project Debug Tools Window Help
Northwind
SQLQuery1.sql - la...abg21\usuario (52))
Select Top 5
        ProductID AsCodigo,
        ProductName Nombre,
        [Precio Unitario] = UnitPrice,
        Total = UnitPrice * UnitsInStock,
        CategoryName As [Nombre de la Categoría]
From Products As P,
     Categories As C
Where UnitPrice > 30
      And C.CategoryID = P.CategoryID
Order by 3
259 %
Query executed successfully. labg21 (11.0 RTM) labg21\usuario (52) Northwind 00:00:00 5 rows
Ready Ln 11 Col 11 Ch 11 INS 7:58 a. m.
```



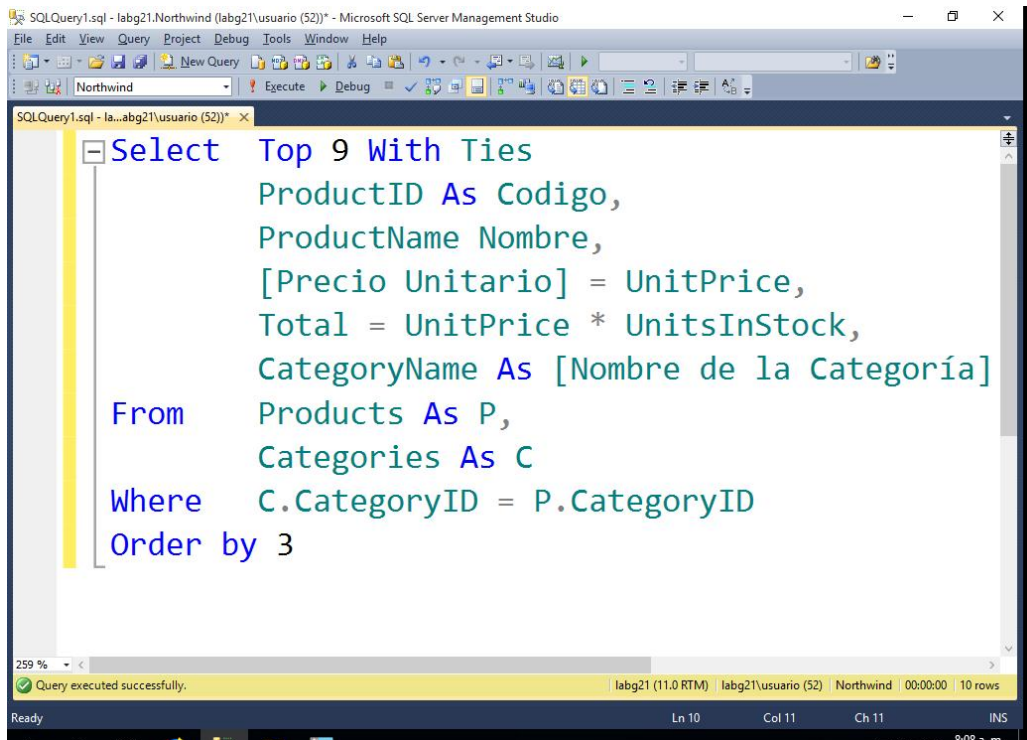
La cláusula PERCENT muestra un porcentaje de la cantidad de registros.



```
SQLQuery1.sql - labg21\Northwind (labg21\usuario (52)) - Microsoft SQL Server Management Studio
File Edit View Query Project Debug Tools Window Help
Northwind
SQLQuery1.sql - la...abg21\usuario (52)
Select Top 5 Percent
ProductID As Codigo,
ProductName Nombre,
[Precio Unitario] = UnitPrice,
Total = UnitPrice * UnitsInStock,
CategoryName As [Nombre de la Categoría]
From Products As P,
Categories As C
Where C.CategoryID = P.CategoryID
Order by 3
259 %
Query executed successfully. labg21 (11.0 RTM) labg21\usuario (52) Northwind 00:00:00 4 rows
Ready Ln 1 Col 22 Ch 21 INS 8:02 a. m.
```



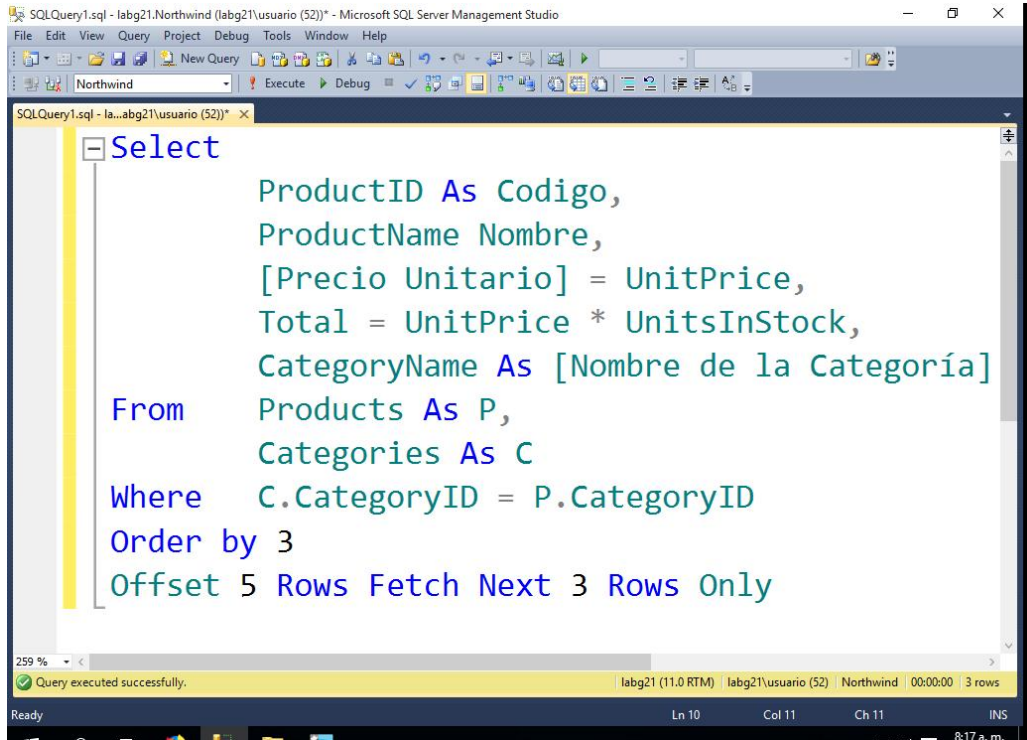
Ejemplo de la cláusula WITH TIES que permite incluir los registros con valores "EMPATADOS"



```
SQLQuery1.sql - labg21\Northwind (labg21\usuario (52)) - Microsoft SQL Server Management Studio
File Edit View Query Project Debug Tools Window Help
Northwind
SQLQuery1.sql - la...abg21\usuario (52)
Select Top 9 With Ties
ProductID As Codigo,
ProductName Nombre,
[Precio Unitario] = UnitPrice,
Total = UnitPrice * UnitsInStock,
CategoryName As [Nombre de la Categoría]
From Products As P,
Categories As C
Where C.CategoryID = P.CategoryID
Order by 3
259 %
Query executed successfully. labg21 (11.0 RTM) labg21\usuario (52) Northwind 00:00:00 10 rows
Ready Ln 10 Col 11 Ch 11 INS 8:08 a. m.
```



Cláusula Offset Fetch hace un desplazamiento hacia abajo y devuelve una cierta cantidad de registros.



```
SQLQuery1.sql - labg21\Northwind (labg21\usuario (52)) - Microsoft SQL Server Management Studio
File Edit View Query Project Debug Tools Window Help
Northwind
SQLQuery1.sql - la...abg21\usuario (52)
Select
    ProductID As Codigo,
    ProductName Nombre,
    [Precio Unitario] = UnitPrice,
    Total = UnitPrice * UnitsInStock,
    CategoryName As [Nombre de la Categoría]
From
    Products As P,
    Categories As C
Where
    C.CategoryID = P.CategoryID
Order by 3
Offset 5 Rows Fetch Next 3 Rows Only
259 %
Query executed successfully.
labg21 (11.0 RTM) labg21\usuario (52) Northwind 00:00:00 3 rows
Ready Ln 10 Col 11 Ch 11 INS 8:17 a. m.
```