Interfaz de usuario gráfica, Texto, Aplicación

Descripción generada automáticamente

--1

SELECT DISTINCT CategoryName

FROM Categories;

--2

SELECT DISTINCT Region

FROM Customers;

--3

SELECT DISTINCT ContactTitle

FROM Customers;

--4

SELECT \*

FROM Customers

ORDER BY Country;

--5

SELECT \*

FROM Orders

ORDER BY EmployeeID, OrderDate;

--6

select\*from Customers

INSERT INTO Customers (CustomerID, CompanyName, ContactName, Address, City, Region, PostalCode, Country, Phone, Fax)

VALUES ('', 'Simpsons SA', 'Eri Destefano', 'Calle siempreviva 742', 'Ciudad Ejemplo', 'Región Ejemplo', '12345', 'USA', '+1234567890', '+1234567899');

--7

select\*from region

INSERT INTO Region (RegionID, RegionDescription)

VALUES ('5', 'Norte Stark');

--8

SELECT \*

FROM Customers

WHERE COALESCE(Region, '') = '';

--9

SELECT ProductName, COALESCE(UnitPrice, 10) AS Unit\_Price

FROM Products;

--10

SELECT Customers.CompanyName, Customers.ContactName, Orders.OrderDate

FROM Customers

INNER JOIN Orders ON Customers.CustomerID = Orders.CustomerID;

--11

select\*from OrderDetails

SELECT OrderDetails.OrderID, Products.ProductName, OrderDetails.Discount

FROM OrderDetails

INNER JOIN Products ON OrderDetails.ProductID = Products.ProductID;

--12

SELECT Customers.CustomerID, Customers.CompanyName, Orders.OrderID, Orders.OrderDate

FROM Customers

LEFT JOIN Orders ON Customers.CustomerID = Orders.CustomerID;

--13

SELECT Employees.EmployeeID, Employees.LastName, EmployeeTerritories.TerritoryID, Territories.TerritoryDescription

FROM Employees

LEFT JOIN EmployeeTerritories ON Employees.EmployeeID = EmployeeTerritories.EmployeeID

LEFT JOIN Territories ON EmployeeTerritories.TerritoryID = Territories.TerritoryID;

--14

SELECT Orders.OrderID, Customers.CompanyName

FROM Orders

LEFT JOIN Customers ON Orders.CustomerID = Customers.CustomerID;

--15

SELECT Orders.OrderID, Customers.CompanyName

FROM Customers

RIGHT JOIN Orders ON Customers.CustomerID = Orders.CustomerID;

--16

SELECT Customers.CompanyName, Orders.OrderDate

FROM Customers

INNER JOIN Orders ON Customers.CustomerID = Orders.CustomerID

INNER JOIN Shippers ON Orders.ShipVia = Shippers.ShipperID

WHERE YEAR(Orders.OrderDate) = 1996;

--17

SELECT Employees.FirstName, Employees.LastName, EmployeeTerritories.TerritoryID

FROM Employees

FULL OUTER JOIN EmployeeTerritories ON Employees.EmployeeID = EmployeeTerritories.EmployeeID;

--18

**SELECT**

*c*.category\_name,

**COALESCE**(**SUM**(*od*.Quantity), 0) **AS** *TotalQuantity*,

**COALESCE**(**SUM**(*od*.unit\_price \* *od*.Quantity), 0) **AS** *TotalSales*

**FROM**

Categories *c*

**LEFT** **JOIN** (

**SELECT**

*od*.product\_id,

*od*.Quantity,

*od*.Unit\_Price,

*p*.Category\_id

**FROM**

Order\_Details *od*

**JOIN**

Products *p* **ON** *od*.product\_id = *p*.product\_id

**JOIN**

Orders *o* **ON** *od*.order\_id = *o*.order\_id

) **AS** *od* **ON** *c*.category\_id = *od*.category\_id

**GROUP** **BY**

*c*.category\_name;

--19

SELECT CompanyName AS Nombre

FROM Customers

UNION

SELECT CompanyName AS Nombre

FROM Suppliers;

--20

SELECT E1.FirstName + ' ' + E1.LastName AS Nombre

FROM Employees E1

LEFT JOIN Employees E2 ON E1.EmployeeID = E2.ReportsTo;

--21

SELECT ProductName

FROM Products

WHERE ProductID IN (

SELECT ProductID

FROM OrderDetails

);

--22

SELECT CompanyName

FROM Customers

WHERE CustomerID IN (

SELECT DISTINCT CustomerID

FROM Orders

WHERE ShipCountry = 'Argentina'

);

--23

SELECT ProductName

FROM Products

WHERE ProductID NOT IN (

SELECT DISTINCT ProductID

FROM OrderDetails

WHERE OrderID IN (

SELECT OrderID

FROM Orders

WHERE CustomerID IN (

SELECT CustomerID

FROM Customers

WHERE Country = 'France'

)

)

);

--24

SELECT OrderID, SUM(Quantity) AS Cantidad\_Productos\_Vendidos

FROM OrderDetails

GROUP BY OrderID;

--25

SELECT ProductName, AVG(UnitsInStock) AS Promedio\_Productos\_En\_Stock

FROM Products

GROUP BY ProductName;

--26

SELECT ProductName, SUM(UnitsInStock) AS Cantidad\_Productos\_En\_Stock

FROM Products

GROUP BY ProductName

HAVING SUM(UnitsInStock) > 100;

--27

SELECT Customers.CompanyName, AVG(orders\_per\_company) AS Promedio\_Pedidos

FROM (

SELECT CustomerID, COUNT(OrderID) AS orders\_per\_company

FROM Orders

GROUP BY CustomerID

) AS CompanyOrders

JOIN Customers ON CompanyOrders.CustomerID = Customers.CustomerID

GROUP BY Customers.CompanyName

HAVING AVG(orders\_per\_company) > 10;

--28

SELECT

Products.ProductName,

CASE

WHEN Products.Discontinued = 1 THEN 'Discontinued'

ELSE Categories.CategoryName

END AS Category

FROM

Products

INNER JOIN Categories ON Products.CategoryID = Categories.CategoryID;

--29

SELECT

FirstName + ' ' + LastName AS NombreEmpleado,

CASE

WHEN Title = 'Sales Manager' THEN 'Gerente de Ventas'

ELSE Title

END AS Titulo

FROM

Employees;