Home Work 1

Inner Join	SELECT Employees.LastName as Employee_LastName, count(Orders.OrderID) from Employees inner join [Orders] on Employees.EmployeeID = Orders.EmployeeID group by Employees.EmployeeID order by count(Orders.OrderID) desc LIMIT 10;

SQL Statement:

```
Employees.LastName as Employee_LastName, count(Orders.OrderID) from Employees
INNER JOIN [Orders]
on Employees.EmployeeID = Orders.EmployeeID
group by Employees.EmployeeID
order by count(Orders.OrderID) desc
LIMIT 10;
```

Edit the SQL Statement, and click "Run SQL" to see the result.

Run SQL »

Result:

Number of Records: 9

EmployeeID	Employee_FirstName	Employee_LastName	count(Orders.OrderID)
4	Margaret	Peacock	40
3	Janet	Leverling	31
1	Nancy	Davolio	29
8	Laura	Callahan	27
2	Andrew	Fuller	20
6	Michael	Suyama	18
7	Robert	King	14
5	Steven	Buchanan	11
9	Anne	Dodsworth	6

	SELECT Employees.LastName as Employee_LastName, count(Orders.OrderID) from Employees full outer join [Orders] on Employees.EmployeeID = Orders.EmployeeID group by Employees.EmployeeID order by count(Orders.OrderID) desc LIMIT 10;

Full Outer Join

```
Employees.LastName as Employee_LastName, count(Orders.OrderID) from Employees
full outer join [Orders]
on Employees.EmployeeID = Orders.EmployeeID
group by Employees.EmployeeID
order by count(Orders.OrderID) desc
LIMIT 10;
```

Edit the SQL Statement, and click "Run SQL" to see the result.

Run SQL »

Result:

Number of Records: 10

EmployeeID	Employee_FirstName	Employee_LastName	count(Orders.OrderID)
4	Margaret	Peacock	40
3	Janet	Leverling	31
1	Nancy	Davolio	29
8	Laura	Callahan	27
2	Andrew	Fuller	20
6	Michael	Suyama	18
7	Robert	King	14
5	Steven	Buchanan	11
9	Anne	Dodsworth	6
10	Adam	West	0

Inner Join

select Emp_FirstName, Emp_LastName, sum(Quantity) as 'Total Quantity' from (SELECT employees.FirstName as Emp_FirstName, employees.LastName as Emp_LastName, orders.OrderID, orderdetails.Quantity as Quantity, categories.categoryName from orders
inner join employees on orders.EmployeeID = employees.EmployeeID
inner join orderdetails on orders.orderID = orderdetails.orderID
inner join products on products.productID = orderdetails.productID
inner join categories on categories.categoryID = products.categoryID
where categories.categoryName = 'Beverages')
group by Emp_FirstName, Emp_LastName order by sum(Quantity) DESC

Number of Records: 9

Emp_FirstName	Emp_LastName	Total Quantity
Margaret	Peacock	595
Nancy	Davolio	357
Robert	King	247
Laura	Callahan	243
Janet	Leverling	223
Michael	Suyama	195
Andrew	Fuller	151
Anne	Dodsworth	143
Steven	Buchanan	135