Bahria University

Karachi Campus



LAB EXPERIMENT NO.

03

LIST OF TASKS

|  |  |
| --- | --- |
| **TASK NO** | **OBJECTIVE** |
|  | Display Product’s name and their supplier’s name (ContactName), whose supplier’s name doesnot contain Dirk and there should be at most 7 characters in Product’s name. |
|  | Create a report showing order ID. OrderDate. EmployeeID, and the firstname and LastName of the associated Employee (Tables: Employees & Orders ) |
|  | List distinct cities from of customers and suppliers, country must be Germany. |
|  | List all cities (duplicate values allowed)from of customers and suppliers |
|  | lists all customers and suppliers (ContactName, City, Country) |
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|  |  |
|  |  |
|  |  |

Submitted On:

**22-03-2023**

(Date: DD/MM/YY)

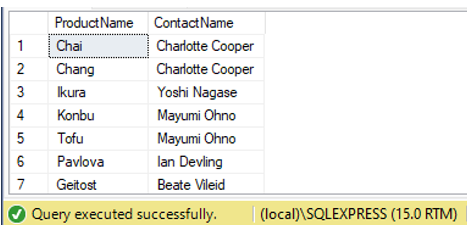
**Task # 01:**

**Solution:**

select A.ProductName,B.ContactName from Products as A inner join Suppliers as B

on A.SupplierID=B.SupplierID where B.ContactName not like'dirk' and len(A.ProductName)<=7

**Output:**

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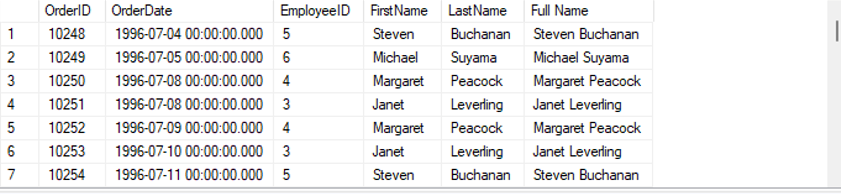
**Task # 02:**

**Solution:**

select B.OrderID,B.OrderDate,A.EmployeeID,A.FirstName,A.LastName,A.FirstName+' '+A.LastName as [Full Name] from

Employees as A inner join Orders as B on A.EmployeeID=B.EmployeeID

**Output:**

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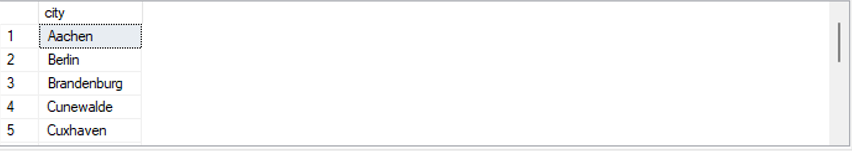
**Task # 03:**

**Solution:**

select distinct city from Customers where Country='germany'

union select distinct city from Suppliers where Country='germany'

**Output:**

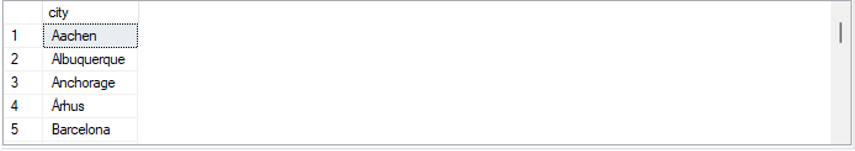
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**Task # 04:**

**Solution:**

select distinct city from Customers union all select distinct city from Suppliers

**Output:**

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**Task # 05:**

**Solution:**

select ContactName, city,Country from Customers union select ContactName, city,Country from Suppliers

**Output:**

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