**Lab 4**

**Data Import**

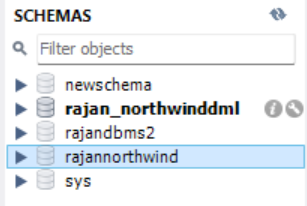
a.Download northwind-db.sql from classroom link

b.Open MySQL Workbench and Login using **root** or <name>

c.Create database <name>northwind

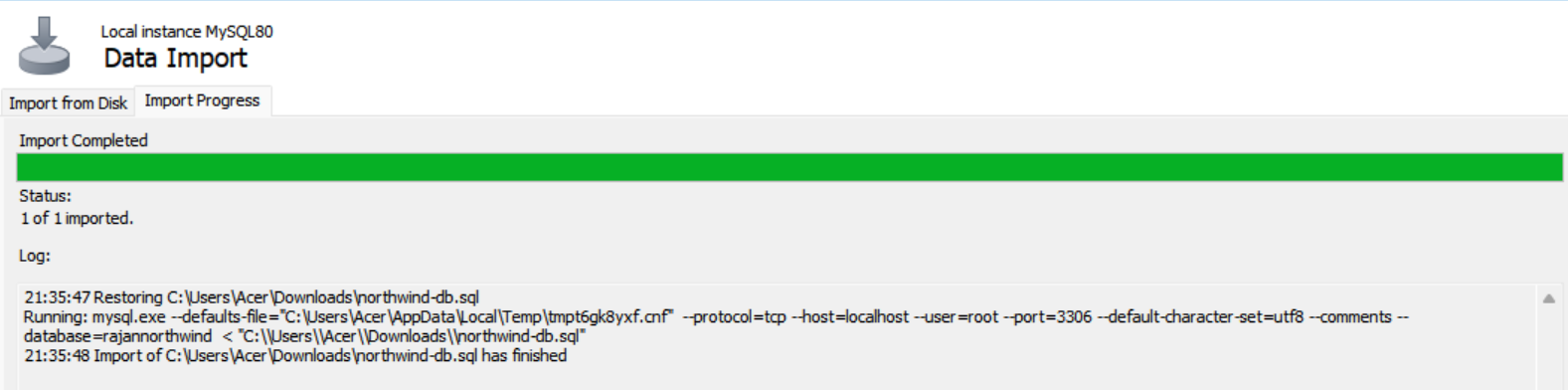
**Query**:create database rajannorthwind

**Output:**



d.Import  downloaded database in <name>northwind

**Output:**

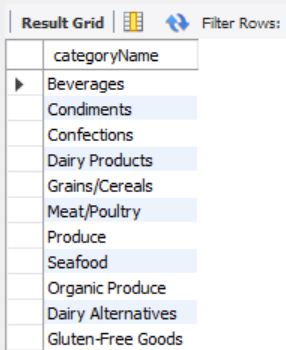
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**DQL**

1. Project categories\_name from categories

Query: select categoryName from categories;

Output:



1. Project coutry from customers

Query: select country from customers;

Output:



1. Project city , country from customers

Query:select city, country from customers;

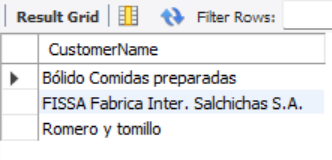
Outuput:



1. Select CustomerName from customers who are form Madrid City

Query:select CustomerName from customers where city='Madrid' ;

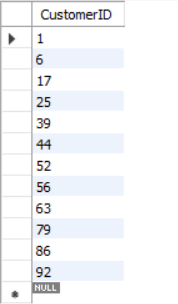
Output:



1. SELECT CustomerID from customers who are from Germany

Query:select CustomerID from customers where country='Germany';

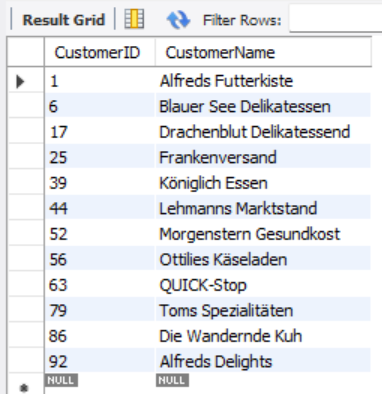
Output:



1. SELECT CustomerID, CustomerName from customers who are from Germany or Spain

Query:select CustomerID, CustomerName from customers where country='Germany' or 'Spain';

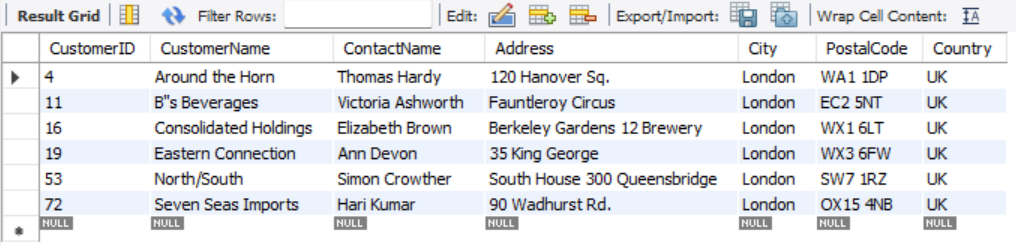
Output:



1. SELECT all from customers who are form London or UK

Query:select \*from customers where city='London' and country='UK';

Output:



1. SELECT all from customers who are from city having names that start with first letter ofYour Name.

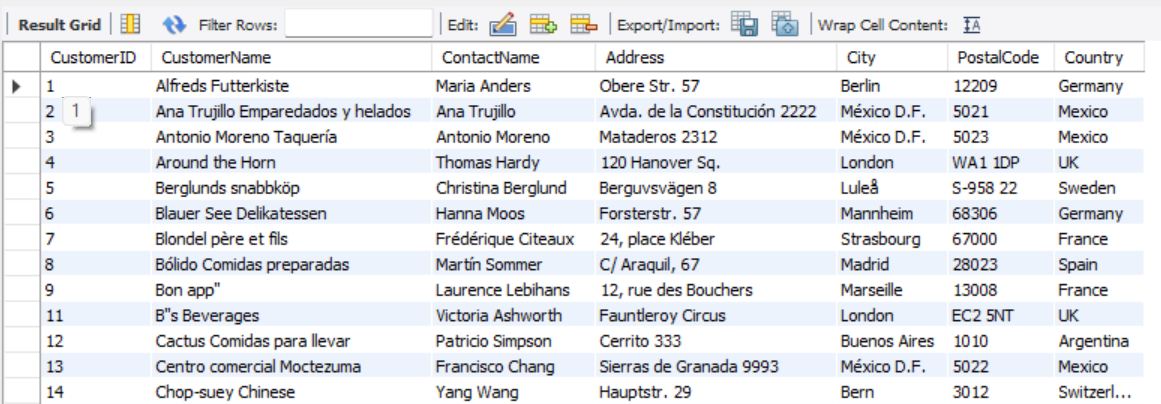
Query:select \*from customers where city like 'b%';

Output:



1. SELECT all from customers who are not from Canada and Belgium

Query:select \*from customers where country not in ('Canada' ,'Belgium');

Output:

1. SELECT all from customers who are from G7 countries.

Query:select \*from customers where country in ('Canada','France' ,'Germany','Italy' ,'Japan','UK','US');

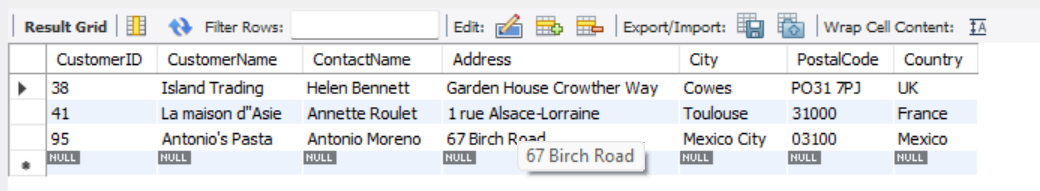
Output:



1. SELECT all from customers who have POstalCode containing 31.

Query:select \*from customers where PostalCode like '%31%';

Output:



1. SELECT all from customers having PostalCode containing 00 and from Rome or Paris.

Query:select \*from customers where PostalCode like '%00%' and city=('Rome' or 'Paris');

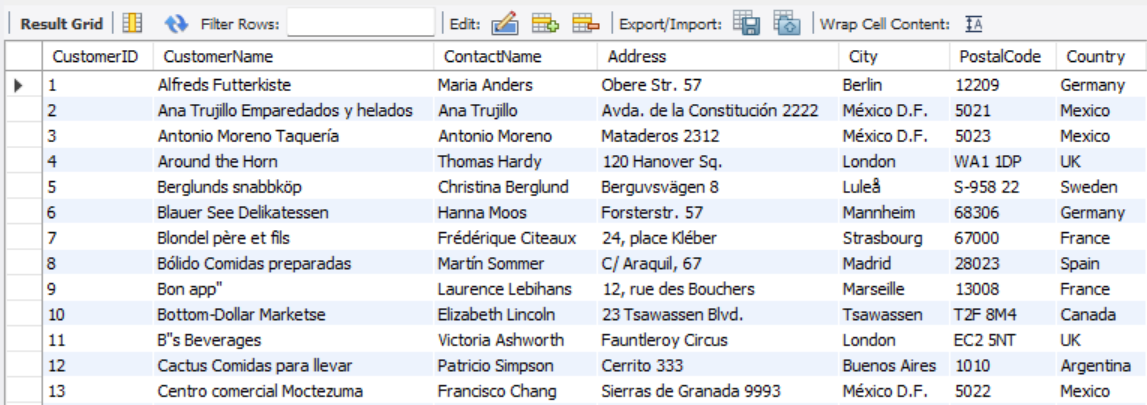
Output:



1. SELECT all from customers who are not from Salzburg

Query:select \*from customers where country not in ('Salzburg');

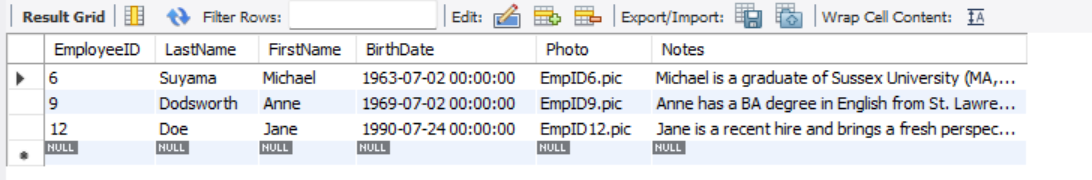
Output:



1. SELECT all employees who are born on July.

Query:select \*from employees where BirthDate like '%-07-%';

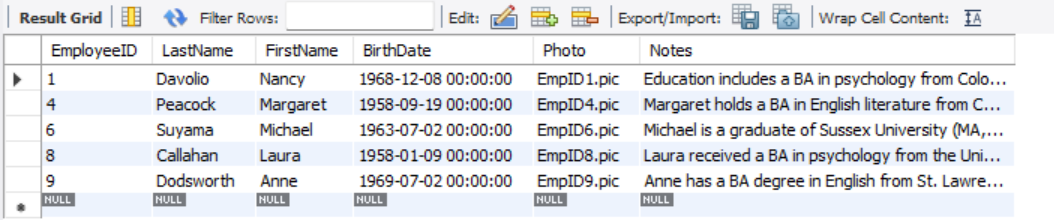
Outptut:



15.SELECT all employees having BA degree in Notes.

Query:select \*from employees where Notes like '%BA%';

Output:



16.SELECT all suppliers from USA and Japan.

Query:select \*from suppliers where country in ('USA','Japan');

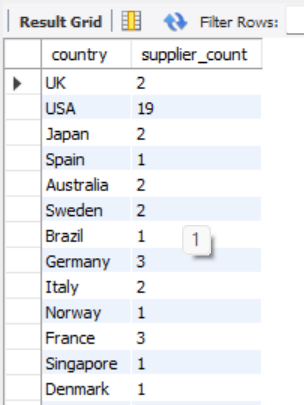
Output:



1. Find name and count of suppliers from different countries.

Query:select distinct(country),count(\*) as supplier\_count from suppliers group by country;

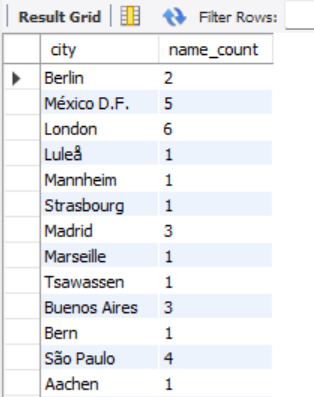
Output:



18 Find name and count of customers from different cities.

Query: select distinct(city),count(\*) as name\_count from customers group by city;

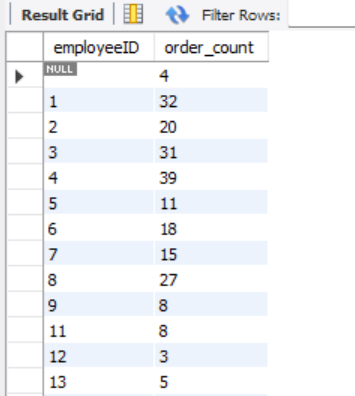
Output:



1. Find number of orders made by employee along with employeeID.

Query:select distinct(employeeID),count(\*) as order\_count from orders group by employeeID;

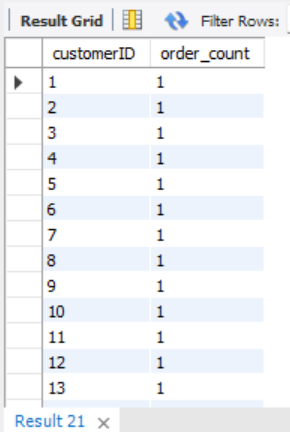
Output:



1. Find number of orders made by customers along with customerID.

Query:select distinct(customerID), count(\*) as order\_count from customers group by customerID;

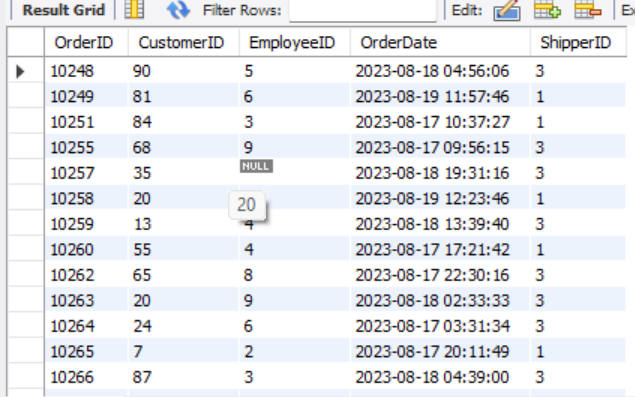
Output:



1. Find all order that are shupped by shippers having 1 or 3 shipperID.

Query:select \*from orders where shipperID in ('1','3');

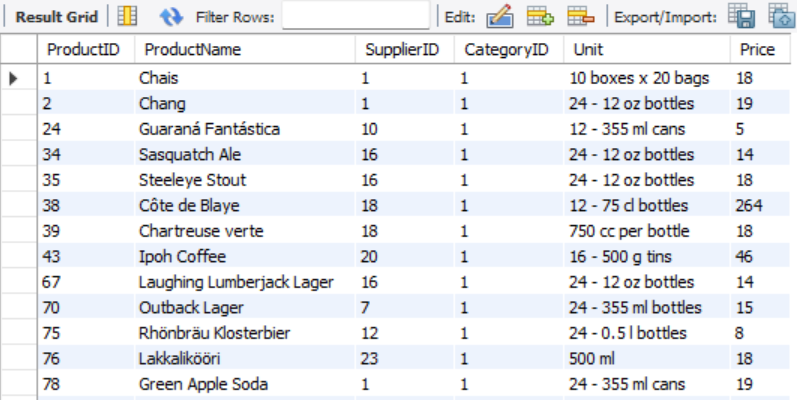
Output:



1. SELECT all product having categoriesID 1.

Query:select \*from products where categoryID='1';

Output:



1. SELECT all products having ProductName that starts with First Letter of your name.

Query:select \*from products where ProductName like 'b%';

Output:

