**

Mohammad Ali Jinnah University

Chartered by Government of Sindh - Recognized by HEC

Quiz 02

**Subject**: DBMS LAB

**Section**: BM

**Teacher**: Rimsha Javed

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Assignment 3

Problem # 1

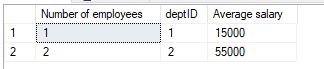
1. **Count the number of employees in each department. Also, display the average salary of each department.**

-- 1

select count(e.employeeID) as 'Number of employees', e.deptID, avg(j.salary) as 'Average salary' from employees e, jobs j

where e.JobId = j.JobId

Group by(e.deptID);

****

1. **Display the name, designation, and salary of the highest paid employee.**

-- 2

select e.FirstName,e.LastName,j.jobTittle,j.salary from employees e,jobs j

where e.JobID = j.JobId

and j.salary = (select max(j.salary) from jobs j,employees e

where j.JobID = e.JobId)

****

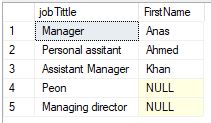
1. **Display the names of all the designations along with the employees assigned to that designation.**

-- 3

select j.jobTittle, e.FirstName from employees e

full join jobs j

on e.JobId = j.JobId;

****

Problem # 2

1. **List of customers whose products were shipped to UK.**

use Quiz\_part2;

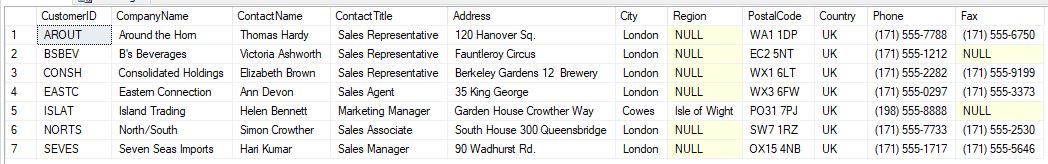
-- 1

select \* from Customers

where CustomerID in

(select CustomerID from Orders

where ShipCountry = 'UK');

****

1. **Finds the shipping company (or companies) that charged the highest freight.**

-- 2

select \* from Shippers

where ShipperID = (select ShipVia from Orders

where Freight = (select max(Freight) from Orders)

)

****

1. **Finds out all the employees who live in the same city and country as customers**

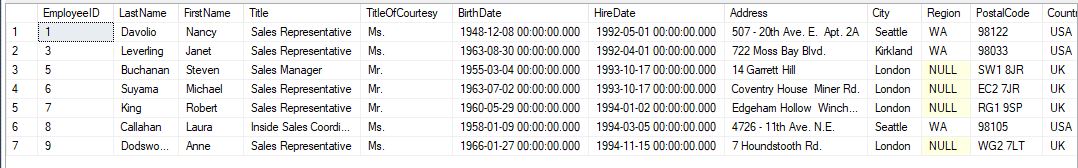
-- 3

select \* from Employees

where City in (select City from Customers)

and

Country in (select Country from Customers);

****