



Islamic University of Gaza
Faculty of Engineering
Computer Department

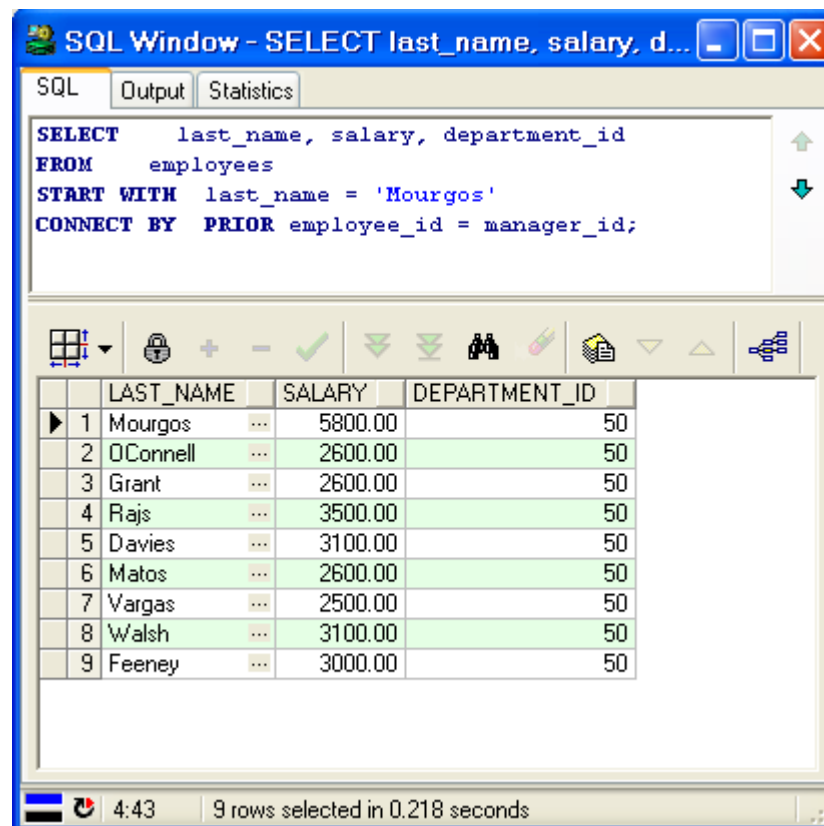
Advanced DataBase ECOM 5054
Instructor: Eng. Husam Alzaq
T.A: Eng. Doaa KH. Abu Jabal

Oracle LAB 11

Exercise 1 :

Produce a report showing an organization chart for Mourgos's department. Print last names, salaries, and department IDs.

The Result:



The screenshot shows a SQL Window titled "SQL Window - SELECT last_name, salary, d...". The SQL tab is active, displaying the following query:

```
SELECT last_name, salary, department_id
FROM employees
START WITH last_name = 'Mourgos'
CONNECT BY PRIOR employee_id = manager_id;
```

The Output tab shows the results of the query, which are 9 rows of employee data for department 50. The data is as follows:

	LAST_NAME	SALARY	DEPARTMENT_ID
1	Mourgos	5800.00	50
2	OConnell	2600.00	50
3	Grant	2600.00	50
4	Rajs	3500.00	50
5	Davies	3100.00	50
6	Matos	2600.00	50
7	Vargas	2500.00	50
8	Walsh	3100.00	50
9	Feeney	3000.00	50

The status bar at the bottom indicates "4:43" and "9 rows selected in 0.218 seconds".



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Exercise 2 :

Create a report that shows the hierarchy of the managers for the employee Lorentz.
Don't display Lorentz ,Display his immediate manager first.

The Result:

The screenshot shows a SQL Window titled "SQL Window - SELECT last_name FROM...". The window has three tabs: "SQL", "Output", and "Statistics". The "SQL" tab is active, displaying the following query:

```
SELECT    last_name
FROM      employees
WHERE     last_name <> 'Lorentz'
START WITH last_name = 'Lorentz'
CONNECT BY employee_id = PRIOR manager_id;
```

Below the query editor is a toolbar with various icons. The "Output" tab is active, showing a table with the following data:

	LAST_NAME	
1	Hunold	...
2	De Haan	...
3	King	...

At the bottom of the window, a status bar indicates "5:43" and "3 rows selected in 0.062 seconds".



Exercise 3:

Create an indented report showing the management hierarchy starting from the employee whose LAST_NAME is Kochhar. Print the employee's last name, manager ID, and department ID.

The Result:

The screenshot shows a SQL Window titled "SQL Window - SELECT LPAD(last_name, LENGTH(last_name)+(LEVEL*2)-2, '_') AS name, manager_id AS mgr, department_id AS deptno FROM employees START WITH last_name = 'Kochhar' CONNECT BY PRIOR employee_id = manager_id". The results are displayed in a table with 12 rows, showing the management hierarchy starting from Kochhar.

	NAME	MGR	DEPTNO
1	Kochhar	...	100
2	_Whalen	...	101
3	_Mavris	...	101
4	_Baer	...	101
5	_Higgins	...	101
6	_Gietz	...	205
7	_Greenberg	...	101
8	_Faviet	...	108
9	_Chen	...	108
10	_Sciarra	...	108
11	_Urman	...	108
12	_Popp	...	108

2:1 12 rows selected in 0.078 seconds