

PRACTICE 10 -14/06/2021

1. CREATE VIEW EMPLOYEE_VU(EMPLOYEE_ID,EMPLOYEE,DEPARTMENT_ID) AS SELECT
EMPLOYEE_ID, LAST_NAME, DEPARTMENT_ID FROM employees;

2. SELECT * FROM employee_vu;

Server: 127.0.0.1 / Database: adbmsexam / View: employees_vu

Options: EMPLOYEE_ID EMPLOYEE DEPARTMENT_ID

EMPLOYEE_ID	EMPLOYEE	DEPARTMENT_ID
100	King	90
101	Kochhar	90
102	De Haan	90
103	Hunold	60
104	Ernst	60
107	Lorentz	60
124	Mourgos	50
141	Rajs	50
142	Davies	50
143	Matos	50
144	Vargas	50
149	Zlotkey	80
174	Abel	80
176	Taylor	80
178	Grant	0
200	Whalen	10
201	Hartstein	20
202	Fay	20
205	Higgins	110
206	Gietz	110

3. SELECT EMPLOYEE, DEPARTMENT_ID FROM employee_vu;

Showing rows 0 - 19 (20 total, Query took 0.0025 seconds.)

SELECT EMPLOYEE, DEPARTMENT_ID FROM employee_vu

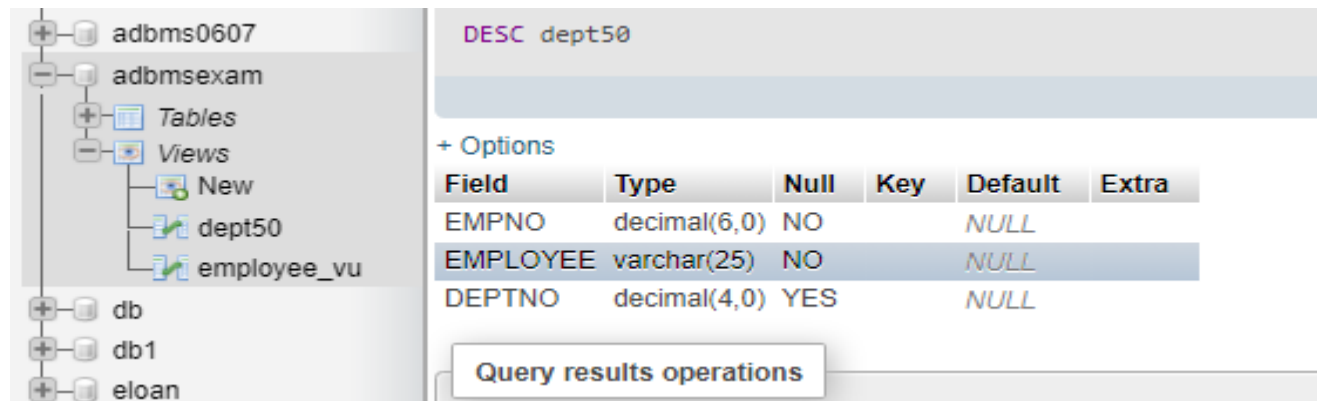
Options: EMPLOYEE DEPARTMENT_ID

EMPLOYEE	DEPARTMENT_ID
King	90
Kochhar	90
De Haan	90
Hunold	60
Ernst	60
Lorentz	60
Mourgos	50
Rajs	50
Davies	50
Matos	50
Vargas	50
Zlotkey	80
Abel	80
Taylor	80
Grant	0
Whalen	10
Hartstein	20
Fay	20
Higgins	110
Gietz	110

4. CREATE VIEW DEPT50(EMPNO,EMPLOYEE,DEPTNO)AS SELECT EMPLOYEE_ID,LAST_NAME,DEPARTMENT_ID FROM employees WHERE DEPARTMENT_ID=50;

5. DESC dept50;

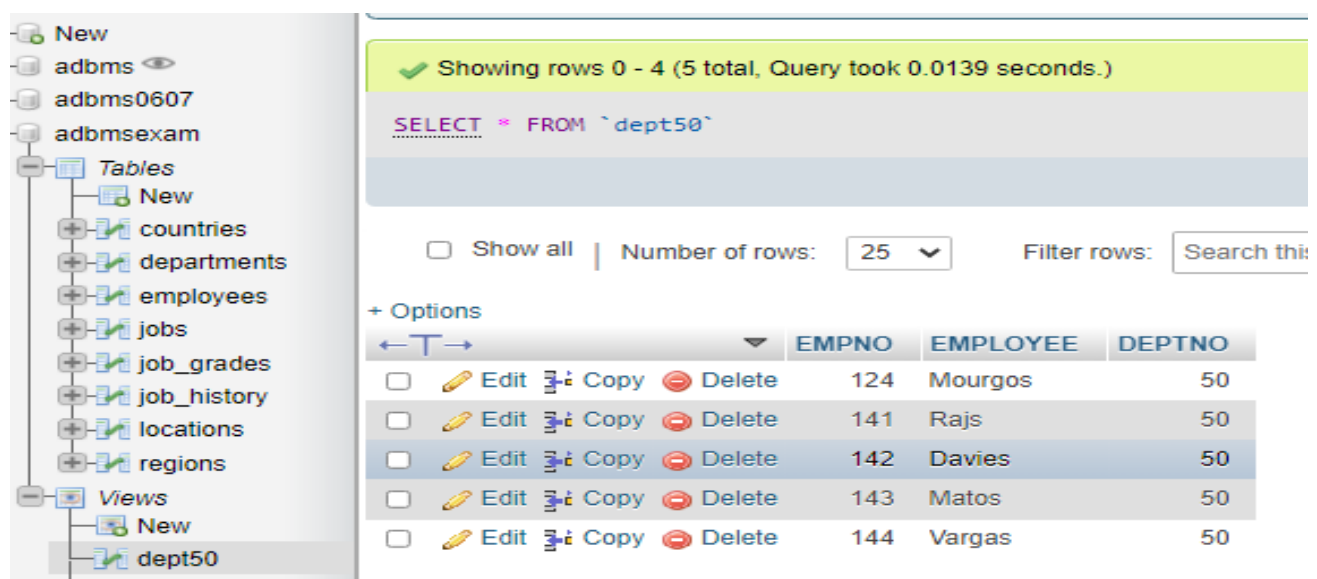
SELECT * FROM dept50;



The screenshot shows the SQL Developer interface. On the left, the tree view displays the database structure, including the 'Views' folder under 'adbms0607' containing 'dept50'. The main pane shows the 'DESC dept50' command. Below the command, the 'Options' tab is active, displaying the view's structure:

Field	Type	Null	Key	Default	Extra
EMPNO	decimal(6,0)	NO		NULL	
EMPLOYEE	varchar(25)	NO		NULL	
DEPTNO	decimal(4,0)	YES		NULL	

A 'Query results operations' button is visible at the bottom of the options pane.

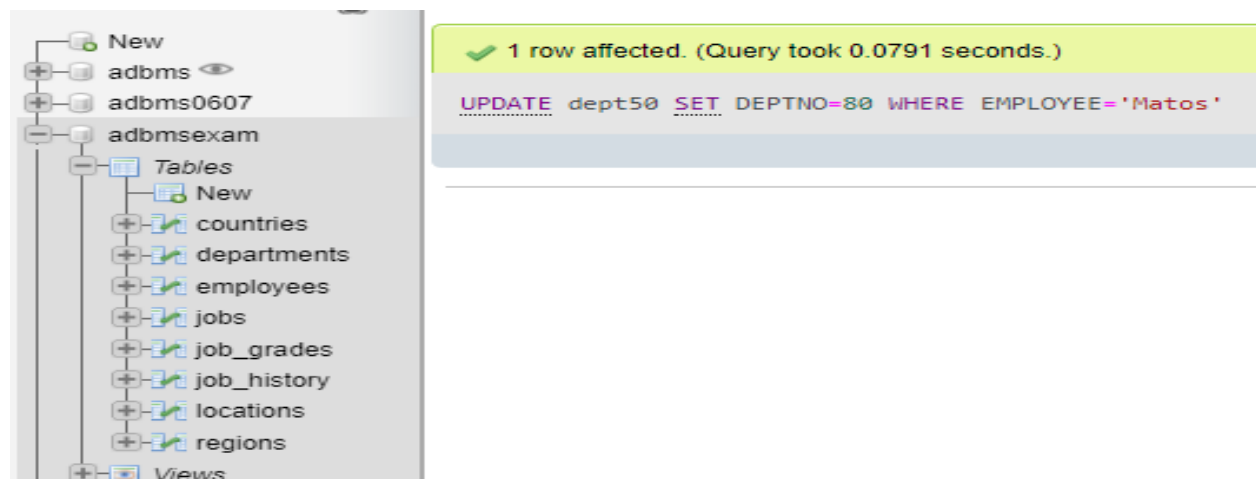


The screenshot shows the SQL Developer interface with the 'SELECT * FROM dept50' query executed. A green status bar indicates 'Showing rows 0 - 4 (5 total, Query took 0.0139 seconds.)'. The query results are displayed in a table:

	EMPNO	EMPLOYEE	DEPTNO
<input type="checkbox"/>	124	Mourgos	50
<input type="checkbox"/>	141	Rajs	50
<input type="checkbox"/>	142	Davies	50
<input type="checkbox"/>	143	Matos	50
<input type="checkbox"/>	144	Vargas	50

Each row has interactive icons for Edit, Copy, and Delete. The 'Filter rows' section shows 'Number of rows: 25' and a search input field.

6. UPDATE dept50 SET DEPTNO=80 WHERE EMPLOYEE='Matos';



The screenshot shows the SQL Developer interface with the 'UPDATE dept50 SET DEPTNO=80 WHERE EMPLOYEE='Matos'' query executed. A green status bar indicates '1 row affected. (Query took 0.0791 seconds.)'. The query text is visible in the main pane.