

Practice 9 | Name : ID: Sec :

Creating Other Schema Objects

1. The staff in the HR department wants to hide some of the data in the EMPLOYEES table. Create a view call EMPLOYEES_VU based on the employee numbers, employee last name and department numbers from the EMPLOYEES table. The heading for the employee name should be EMPLOYEE.

Data from EMPLOYEES_VU table (107 rows):

	EMPLOYEE_ID	EMPLOYEE	DEPARTMENT_ID
1	100	King	90
2	101	Kochhar	90
3	102	De Haan	90
4	103	Hunold	60
5	104	Ernst	60

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2. Department 50 needs access to its employee data. Create a view named DEPT50 that contains the employee numbers, employee last names and department numbers for all employees in department 50. The have requested that you label the view columns EMPNO, EMPLOYEE and DEPTNO. For security purposes, do not allow an employee to be reassigned to another department through the view.

Data from DEPT50 table (45 rows):

	EMPNO	EMPLOYEE	DEPTNO
1	120	Weiss	50
2	121	Fripp	50
3	122	Kaufling	50
4	123	Vollman	50

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3. You need a sequence that can be used with the primary key column of the DEPT table. The sequence should start at 200 and have a maximum value of 1,000. Have your sequence increment by 10. The name of sequence is dept_id_seq.

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4. To test your sequence, write a script to insert two rows in the DEPT table. Be sure to use the sequence that you created for the ID column. Add two departments: Education and Administration. Confirm your additions. Run the commands in your script.

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5. Create view call VE1 that displays the jobs that are found in the Administration and Executive departments. Also display the number of employees for these jobs. Show the job with the highest number of employees first. Confirm your additions. Run the commands in your script.

Data from VE1 table (3 rows):

	JOB_ID	FREQUENCY
1	AD_VP	2
2	AD_PRES	1
3	AD_ASST	1

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6. Create view call VE2 show all employees who were hired in the first half of the month (before the 16th of the month). Confirm your additions. Run the commands in your script.

Data from VE2 table (50 rows):

	LAST_NAME	HIRE_DATE
1	De Haan	13-JAN-93
2	Hunold	03-JAN-90
3	Pataballa	05-FEB-98
4	Lorentz	07-FEB-99

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