

Use of WITH READ ONLY option.

Any attempt to perform a DML on any row in the view results in an oracle server error.

Try this code:

```
CREATE OR REPLACE VIEW empvu10(employee_number, employee_name, job_title)
AS SELECT employee_id, last_name, job_id
FROM employees
WHERE department_id=10
WITH READ ONLY;
```

Find the Solution for the following:

1. Create a view called EMPLOYEE_VU based on the employee numbers, employee names and department numbers from the EMPLOYEES table. Change the heading for the employee name to EMPLOYEE.

Create view Employees_vu as select Employee-id, Employee-name,
department-id from employees;

2. Display the contents of the EMPLOYEES_VU view.

Select * from Employees-vu;

3. Select the view name and text from the USER_VIEWS data dictionary views.

Select view-name, Text from user-views where
view-name = 'Employees-vu';

4. Using your EMPLOYEES_VU view, enter a query to display all employees names and department.

Select Employee, Department-id from employees-vu;

5. Create a view named DEPT50 that contains the employee number, employee last names and department numbers for all employees in department 50. Label the view columns EMPNO, EMPLOYEE and DEPTNO. Do not allow an employee to be reassigned to another department through the view.

create view Dept50 AS
 select empno, last-name AS Employee, DEPTNO
 FROM EMPLOYEE WHERE DEPTNO=50
 WITH CHECK OPTION

6. Display the structure and contents of the DEPT50 view.

DESC DEPT50;
 SELECT * FROM DEPT50;

7. Attempt to reassign Matos to department 80.

UPDATE DEPT50 SET DEPTNO=80 WHERE EMPLOYEE='MATOS';

8. Create a view called SALARY_VU based on the employee last names, department names, salaries, and salary grades for all employees. Use the Employees, DEPARTMENTS and JOB_GRADE tables. Label the column Employee, Department, salary, and Grade respectively.

Create view Salary-V AS SELECT e.last-name, d.department-name,
 e.salary, jg.Grade from employee e join departments d
 on e.department-id = d.department-id;

Evaluation Procedure	Marks awarded
Query(5)	5
Execution (5)	5
Viva(5)	5
Total (15)	15
Faculty Signature	