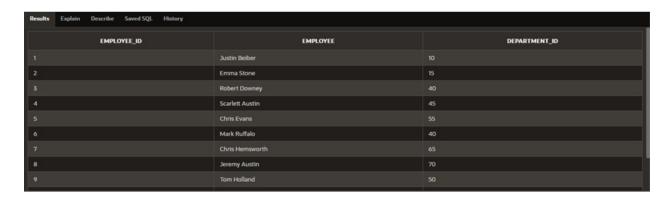
Ex.No.: 5	CDEATING MENAG
Date: 23/08/2024	CREATING VIEWS

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 EMPLOYEE_VU as
select employee_id , first_name || ' ' || last_name as "EMPLOYEE", department_id
from employees;
```

2) Display the contents of the EMPLOYEES\_VU view.

select \* from EMPLOYEE\_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 = 'EMPLOYEE\_VU';



4) Using your EMPLOYEES\_VU view, enter a query to display all employees names and Department.

SELECT employee, department\_id

## FROM EMPLOYEE\_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 employee\_id AS EMPNO,
employee AS EMPLOYEE,
department\_id AS DEPTNO
FROM EMPLOYEE\_VU
WHERE department\_id = 50
WITH READ ONLY;



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

## Desc dept50;



7) Attempt to reassign Matos to department 80.

```
UPDATE EMPLOYEES
SET department_id = 80
WHERE first_name = '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.

Results Explain Describe Swed SQL Hotory				
EMPLOYEE	DEPARTMENT	SALARY	GRADE	
Austin	manager	6800		
Bautista	HR	4500		
Holland	manager	A000		
Mackie	accounts manager	4000		
Goldhum				
Goldhum	HR	3500		
Rudd	accounts manager			
Rudd	accounts manager	2500		
8 rows refurred in 0.00 seconds Domitied				