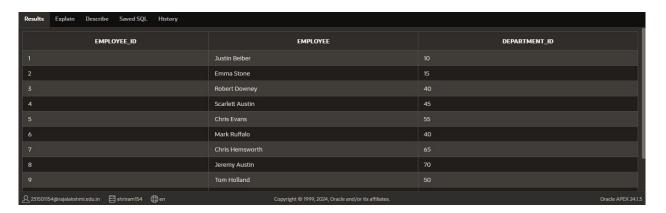
Ex.No.: 5	
Date: 23/08/2024	CREATING VIEWS

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.

