| EX.NO.: 5 | |
|-----------------|----------------|
| DATE 07/08/2024 | CREATING VIEWS |

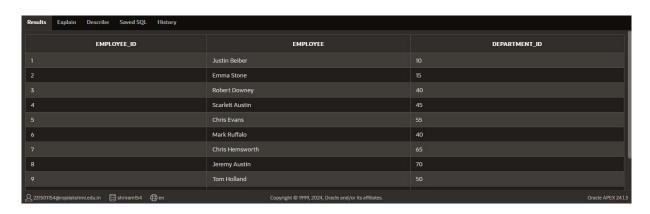
1) CREATE A VIEW CALLED EMPLOYEE_VU BASED ON THE EMPLOYEE NUMBERS, EMPLOYEE NAMES AND DEPARTMENT NUMBERS FROM THE EMPLOYEES TABLE. CHANGE THE HEADING FORTHE EMPLOYEE NAME TO EMPLOYEE.

CREATE VIEW EMPLOYEE_VU AS SELECT EMPLOYEE_ID , FIRST_NAME || ' ' || LAST_NAME AS "EMPLOYEE", DEPARTMENT_IDFROM 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 ANDDEPARTMENT. |
| | 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 VIEWCOLUMNS 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
= 50WITH 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.

```
CREATE VIEW SALARY_VU AS
SELECT E.LAST_NAME AS
EMPLOYEE,D.DEPT_NAME
AS DEPARTMENT, E.SALARY
AS SALARY, J.GRADE_LEVEL
AS GRADE
FROM EMPLOYEES
EJOIN DEPARTMENT
D
ON E.DEPARTMENT_ID =
D.DEPT_IDJOIN JOB_GRADE J
ON E.SALARY BETWEEN J.LOWEST SAL AND J.HIGHEST SAL;
```

