

DATABASE MANAGEMENT SYSTEM

Prathyush R.

230701240

EXP: 5

CREATING VIEWS

1. CREATE VIEW EMPLOYEE_VU AS SELECT Eno,Ename,Deptno from EMPLOYEE;
2. SELECT *FROM EMPLOYEE_VU;

ENO	ENAME	DEPTNO
1001	John Smith	D001
1002	Jane Doe	D002
1003	Alice Johnson	D001
1004	Bob Brown	D003
1005	Emily Davis	D002

3. SELECT *FROM USER_VIEWS;

VIEW_NAME	TEXT_LENGTH	TEXT	TYPE_TEXT_LENGTH	TYPE_TEXT	OID_TEXT_LENGTH	OID_TEXT	VIEW_TYPE_OWNER	VIEW_TYPE	SUPERVIEW_NAME	EDITIONING_VIEW	READ_ONLY
DEPT50	20	SELECT Eno FROM DEPT	-	-	-	-	-	-	-	N	N
EMPLOYEE_VU	46	SELECT Eno,Ename EMPLOYEE,Deptno from EMPLOYEE	-	-	-	-	-	-	-	N	N

4. SELECT EMPLOYEE, DEPTNO FROM EMPLOYEE_VU;

EMPLOYEE	DEPTNO
John Smith	D001
Jane Doe	D002
Alice Johnson	D001
Bob Brown	D003
Emily Davis	D002

5. CREATE OR REPLACE VIEW DEPT50 AS SELECT ID EMPNO, NAME EMPLOYEE, DEPTNO FROM DEPT where DEPTNO=50 WITH CHECK OPTION CONSTRAINT DEPT50_ck;

6. desc DEPT50;

Object Type **VIEW** Object **DEPT50**

Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
<u>DEPT50</u>	<u>EMPNO</u>	UNDEFINED	0	-	-	-	✓	-	-
	<u>EMPLOYEE</u>	UNDEFINED	0	-	-	-	✓	-	-
	<u>DEPTNO</u>	UNDEFINED	0	-	-	-	✓	-	-
									1 - 3

SELECT *FROM DEPT50;

EMPNO	EMPLOYEE	DEPTNO
D005	Krithik	50

7. SELECT *FROM DEPT WHERE NAME='Matos' where DEPTNO=80;

This updates the value in both Main and view table (if created).

8. CREATE OR REPLACE VIEW SALARY_VU AS SELECT LAST_NAME
EMPLOYEE, DEPT_NAME DEPARTMENTS,SAL SALARY, GRADE_LEVEL
GRADE FROM EMPL,DEPARTMENT,JOB_GRADE;