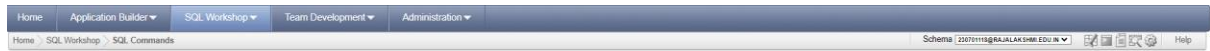# DATA BASE MANAGEMENT SYSTEM

ISHWARI RAJMOHAN

Computer Science and Engineering

EXERCISE 5

```
create table Emplo(emp_id number, emp_name varchar2(20), dept_id varchar2(15), salary number);
```

Object Type **TABLE** Object **EMPLO**

Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
EMPLO	EMP_ID	NUMBER	22	-	-	-	✓	-	-
	EMP_NAME	VARCHAR2	20	-	-	-	✓	-	-
	DEPT_ID	VARCHAR2	15	-	-	-	✓	-	-
	SALARY	NUMBER	22	-	-	-	✓	-	-
									1 - 4

```
create view EMPLOYEE_VU(emp_id, emp_name, dept_id)
as select emp_id, emp_name, dept_id from emplo;
```

Object Type **VIEW** Object **EMPLOYEE_VU**

Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
EMPLOYEE_VU	EMP_ID	NUMBER	22	-	-	-	✓	-	-
	EMP_NAME	VARCHAR2	20	-	-	-	✓	-	-
	DEPT_ID	VARCHAR2	15	-	-	-	✓	-	-
									1 - 3

```
select * from EMPLOYEE_VU;
```

EMP_ID	EMP_NAME	DEPT_ID
1	renu	A1
2	rena	B1
3	renuka	C1
4	renathi	D1

```
select view_name, text from USER VIEWS where view_name='EMPLOYEE VU';
```

VIEW_NAME	TEXT
EMPLOYEE_VU	select emp_id, emp_name, dept_id from emplo

```
select emp_name, dept_id from EMPLOYEE_VU;
```

EMP_NAME	DEPT_ID
renu	A1
rena	B1
renuka	C1
renathi	D1

```
create view dept50 AS
select emp_id empno, emp_name employee, dept_id deptno from EMPLOYEE_VU
where dept_id='D1' with check option constraint emp_dept_50;
```

```
desc dept50;
```

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

Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
DEPT50	EMPNO	NUMBER	22	-	-	-	✓	-	-
	EMPLOYEE	VARCHAR2	20	-	-	-	✓	-	-
	DEPTNO	VARCHAR2	15	-	-	-	✓	-	-
									1 - 3

```
select * from dept50;
```

EMPNO	EMPLOYEE	DEPTNO
4	renathi	D1

```
update dept50 set deptno='E1' where employee='Matos';

create view SALARY_VU( emp_name, loc)
as select emplo.emp_name, dept.loc from emplo,dept;
```

Object Type **VIEW** Object **SALARY_VU**

Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
SALARY_VU	EMP_NAME	VARCHAR2	20	-	-	-	✓	-	-
	LOC	VARCHAR2	13	-	-	-	✓	-	-
									1 - 2