

(OR)

ALTER TABLE test1 DROP(pk, fk, col1) CASCADE CONSTRAINTS;

VIEWING CONSTRAINTS

Query the USER_CONSTRAINTS table to view all the constraints definition and names.

Example:

```
SELECT constraint_name, constraint_type, search_condition FROM user_constraints  
WHERE table_name='employees';
```

Viewing the columns associated with constraints

```
SELECT constraint_name, constraint_type, FROM user_cons_columns  
WHERE table_name='employees';
```

Find the Solution for the following:

1. Add a table-level PRIMARY KEY constraint to the EMP table on the ID column. The constraint should be named at creation. Name the constraint my_emp_id_pk.

~~alter table employee ADD CONSTRAINT my_emp_id_pk~~
~~PRIMARY KEY(emp-id);~~
Create table employees(emp-id number(6), first_name varchar(20),
job-id number(3), CONSTRAINT emp-id-pk PRIMARY KEY(emp-id));

2. Create a PRIMARY KEY constraint to the DEPT table using the ID column. The constraint should be named at creation. Name the constraint my_dept_id_pk.

Create table dept(dept-id number(4), job-title varchar(20), job-id
number(4), Constraint my_dept-id-pk primary key(dept-id));

3. Add a column DEPT_ID to the EMP table. Add a foreign key reference on the EMP table that ensures that the employee is not assigned to nonexistent department. Name the constraint my_emp_dept_id_fk.

a) ALTER TABLE EMP ADD DEPT_ID NUMBER(6);

b) Alter table emp add constraints my_emp_dept_id_fk
FOREIGN KEY(DEPT_ID) REFERENCES DEPT(ID);

4. Modify the EMP table. Add a COMMISSION column of NUMBER data type, precision 2, scale 2. Add a constraint to the commission column that ensures that a commission value is greater than zero.

Alter table emp ADD commission number (2,2);

Alter table emp ADD constraint check commission > zero
CHECK (COMMISSION > 0);

Evaluation Procedure	Marks awarded
Query(5)	5
Execution (5)	5
Viva(5)	5
Total (15)	15
Faculty Signature	