

### 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 EMP

Add constraint my-emp-id-pk  
primary key (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 EMP (ID NUMBER (4), Constraint my-emp-id-pk  
primary key (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.

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 CommissionNumbers (2,2)

Alter Table EMP

Add Constraint chk-commission-positive  
Check (commission > 0);

3) Alter table EMP  
Add DEPT\_ID  
Number (4);

Alter table EMP

Add constraint int  
my-emp-dept-id-  
fk

Foreign Key (DEPT\_ID)  
References DEPT (ID);

Evaluation Procedure	Marks awarded
Query(5)	5
Execution (5)	5
Viva(5)	5
Total (15)	15
Faculty Signature	<u>P. P. L.</u> 9/9/15