

```
SQL> create user user1 identified externally;
```

```
User created.
```

```
mysql> select a.f_name,a.l_name,b.d_name from it a right join dep b on a.s_id=b.s_id;
```

f_name	l_name	d_name
sauroabh	khandagale	IT
rajendre	kharate	cm
kaju	kismis	automobile
arpit	suchak	civil
sarang	ingle	mechanical
yash	v_rock	textile
karan	dhaiwale	it
vinay	khare	cm
jay	j_rock	cm
reharrsh	r_rock	automobile

```
10 rows in set (0.00 sec)
```

```
mysql> select a.f_name,a.l_name,b.d_name from it a left join dep b on a.s_id=b.s_id;
```

f_name	l_name	d_name
sauroabh	khandagale	IT
rajendre	kharate	cm
kaju	kismis	automobile
arpit	suchak	civil
sarang	ingle	mechanical
yash	v_rock	textile
karan	dhaiwale	it
vinay	khare	cm
jay	j_rock	cm
reharrsh	r_rock	automobile
ddd	rr	NULL

```
11 rows in set (0.00 sec)
```

```
mysql> select a.f_name,a.l_name,b.d_name from it a inner join dep b on a.s_id=b.s_id;
```

f_name	l_name	d_name
sauroabh	khandagale	IT
rajendre	kharate	cm
kaju	kismis	automobile
arpit	suchak	civil
sarang	ingle	mechanical
yash	v_rock	textile
karan	dhaiwale	it
vinay	khare	cm
jay	j_rock	cm
reharrsh	r_rock	automobile

```
10 rows in set (0.00 sec)
```

```
mysql> select a.f_name,a.l_name,b.d_name from it a cross join dep b on a.s_id=b.s_id;
```

f_name	l_name	d_name
sauroabh	khandagale	IT
rajendre	kharate	cm
kaju	kismis	automobile
arpit	suchak	civil
sarang	ingle	mechanical
yash	v_rock	textile
karan	dhaiwale	it
vinay	khare	cm
jay	j_rock	cm
reharrsh	r_rock	automobile

```
10 rows in set (0.02 sec)
```

```
SQL> create trigger t111 before delete on dep
2 declare
3 begin
4 dbms_output.put_line('sorry');
5 end;
6 /
```

Trigger created.

```
SQL> select * from dep;
```

D_ID	D_NAME	ID
111	it1	1
222	cm1	2
333	am	3

```
SQL> delete from dep where id=1;
```

1 row deleted.

```
SQL> select * from dep;
```

D_ID	D_NAME	ID
222	cm1	2
333	am	3

```
SQL> revoke;
```

```
id'))
```

```
mysql> create view v44 as select * from t3;
Query OK, 0 rows affected (0.08 sec)
```

```
mysql> select * from v44;
```

t1	t2	d_id
111	rocky	111
211	rocky	211
311	rocky	311

3 rows in set (0.00 sec)

```
mysql> delete from v44 where t1=111;
Query OK, 1 row affected (0.07 sec)
```

```
mysql> update v44 set t2='bhoky' where t1=111;
Query OK, 0 rows affected (0.00 sec)
Rows matched: 0 Changed: 0 Warnings: 0
```

```
mysql> drop view v44;
Query OK, 0 rows affected (0.01 sec)
```

```
mysql>
```

```
SQL> ed;
Wrote file afiedt.buf
```

```
1 create trigger t3 after insert on dep
2 declare
3 begin
4 select count(*) into i from dep;
5 dbms_output.put_line('count'||count);
6* end;
```

```
SQL> /
```

Warning: Trigger created with compilation errors.

```
SQL> select * from t3;
```

```
select * from t3
*
```

ERROR at line 1:

ORA-00942: table or view does not exist

```
SQL> select * from dep;
```

D_ID	D_NAME	ID
111	it1	1
222	cm1	2
333	am	3

```
SQL> insert into dep values(444,'ee',4);
```

```
insert into dep values(444,'ee',4)
*
```

ERROR at line 1:

ORA-04098: trigger 'ROOT.T3' is invalid and failed re-validation

```
SQL> create trigger t111 before delete on dep
  2 declare
  3 begin
  4 dbms_output.put_line('sorry');
  5 end;
  6 /
```

Trigger created.

```
SQL> select * from dep;
```

D_ID	D_NAME	ID
111	it1	1
222	cm1	2
333	am	3

```
SQL> delete from dep where id=1;
```

1 row deleted.

```
SQL> select * from dep;
```

D_ID	D_NAME	ID
222	cm1	2
333	am	3

```
SQL> revoke;
```

```
mysql> select * from t3;
```

t1	t2	d_id
211	rocky	211
311	rocky	311

2 rows in set (0.00 sec)

```
mysql> select f_name from it where s_id=(select s_id from dep where d_id=111);
```

f_name
saurabh

1 row in set (0.00 sec)

```
mysql> select f_name from it where s_id=(select s_id from dep where d_id=(select d_id from t3 where d_id=211));
```

f_name
rajendre

1 row in set (0.00 sec)

```
mysql> select f_name from it where s_id=(select s_id from dep where d_id=(select d_id from t3 where d_id=311));
```

f_name
kaju

1 row in set (0.00 sec)

```
mysql> select f_name from it where s_id=(select s_id from dep where d_id=111);
```

f_name
saurabh

1 row in set (0.00 sec)