

Ex.No : 15

Create a trigger that will be executed whenever you insert values into the faculty table.

```
mysql> desc faculty;
-> //
+-----+-----+-----+-----+-----+
| Field | Type   | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+
| facno | varchar(4) | NO   | PRI |         |       |
| facname | varchar(15) | YES  |     | NULL    |       |
| gender | char(1)    | YES  |     | NULL    |       |
| dob    | date       | YES  |     | NULL    |       |
| doj    | date       | YES  |     | NULL    |       |
| mobileno | int(10)    | YES  |     | NULL    |       |
| deptno | varchar(4) | YES  | MUL | NULL    |       |
| salary | varchar(10) | YES  |     | NULL    |       |
+-----+-----+-----+-----+-----+
3 rows in set (0.01 sec)

mysql> create trigger t1 before insert on faculty
-> for each row
-> begin
-> set new.facname=upper(new.facname);
-> end//
Query OK, 0 rows affected (0.01 sec)

mysql> insert into faculty values(1212,'devi','f','1994-10-10','2020-06-04',1452437890,'d1','no',40000);
-> //
ERROR 1136 (21501): Column count doesn't match value count at row 1
mysql> select *from faculty;
-> end//
+-----+-----+-----+-----+-----+-----+-----+
| facno | facname | gender | dob      | doj      | mobileno | deptno | salary |
+-----+-----+-----+-----+-----+-----+-----+
| 1     | sita    | f      | 1996-04-05 | 2009-12-01 | 937464637 | 10     | 100000 |
| 2     | ram     | m      | 1983-05-01 | 2020-03-05 | 984876532 | 10     | NULL   |
| 3     | anand   | m      | 1993-09-15 | 2014-08-13 | 675777947 | 11     | 120000 |
| 4     | sitara  | f      | 1995-08-13 | 2010-12-01 | 834196261 | 24     | 90000  |
+-----+-----+-----+-----+-----+-----+
4 rows in set (0.00 sec)

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'end' at line 1
mysql> insert into faculty values(5,'dev','m','1994-10-10','2020-10-04',998505858,'24',70000);
-> end//
Query OK, 1 row affected (0.01 sec)

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'end' at line 1
mysql> insert into faculty values(5,'dev','m','1994-10-10','2020-10-04',998505858,'24',70000);
-> //
ERROR 1062 (23000): Duplicate entry '5' for key 'PRIMARY'
mysql> insert into faculty values(7,'dev','m','1994-10-10','2020-10-04',998505858,'24',70000);
-> //
Query OK, 1 row affected (0.01 sec)
```