

```
mysql> create database trigger_1;
```

Query OK, 1 row affected (0.13 sec)

```
mysql> use trigger_1;
```

Database changed

```
mysql> create table stud(sid int(20),name varchar(20),class varchar(20),age int,issued varchar(20),bname  
varchar(20));
```

Query OK, 0 rows affected, 1 warning (1.18 sec)

```
mysql> insert into stud values(1,"mansi","TE",21,"issue","css");
```

Query OK, 1 row affected (0.12 sec)

```
mysql> insert into stud values(2,"kirti","BE",22,"issue","java");
```

Query OK, 1 row affected (0.18 sec)

```
mysql> insert into stud values(3,"shruti","ME",23,"issue","python");
```

Query OK, 1 row affected (0.12 sec)

```
mysql> insert into stud values(4,"siddhesh","12th",20,"issue","js");
```

Query OK, 1 row affected (0.14 sec)

```
mysql> insert into stud values(5,"swara","5th",12,"issue","html");
```

Query OK, 1 row affected (0.39 sec)

```
mysql> insert into stud values(6,"shreya","10th",16,"issue","c");
```

Query OK, 1 row affected (0.13 sec)

```
mysql> select* from stud;
```

```
+-----+-----+-----+-----+-----+-----+  
| sid | name  | class | age | issued | bname |  
+-----+-----+-----+-----+-----+-----+  
|  1  | mansi | TE    | 21  | issue  | css   |  
|  2  | kirti | BE    | 22  | issue  | java  |
```

3	shruti	ME	23	issue	python
4	siddhesh	12th	20	issue	js
5	swara	5th	12	issue	html
6	shreya	10th	16	issue	c

```

+-----+-----+-----+-----+-----+

```

6 rows in set (0.00 sec)

```
mysql> create table issued(sid int,bname varchar(20));
```

Query OK, 0 rows affected (1.20 sec)

```
mysql> delimiter //
```

```
mysql> create trigger tr_ins_stud
```

```
-> before insert
```

```
-> on stud
```

```
-> for each row
```

```
-> begin
```

```
-> insert into issued values(new.sid,new.bname);
```

```
-> end//
```

Query OK, 0 rows affected (0.43 sec)

```
mysql> delimiter ;
```

```
mysql> insert into stud values(7,"om","SE",24,"issue","dsa");
```

Query OK, 1 row affected (0.16 sec)

```
mysql> insert into stud values(8,"aniket","FE",19,"issue","cns");
```

Query OK, 1 row affected (0.07 sec)

```
mysql> insert into stud values(9,"saurabh","mba",25,"issue","dbms");
```

Query OK, 1 row affected (0.13 sec)

```
mysql> select *from issued;
```

```
+-----+-----+
```

```
| sid | bname |
```

```
+-----+-----+
```

```
| 7 | dsa |
```

```
| 8 | cns |
```

```
| 9 | dbms |
```

```
+-----+-----+
```

3 rows in set (0.00 sec)

```
mysql> delimiter //
```

```
mysql> create trigger tr_del_stud
```

```
-> after delete
```

```
-> on stud
```

```
-> for each row
```

```
-> begin
```

```
-> delete from issued where sid=old.sid;
```

```
-> end //
```

Query OK, 0 rows affected (0.20 sec)

```
mysql> delimiter ;
```

```
mysql> delete from stud where sid=8;
```

Query OK, 1 row affected (0.14 sec)

```
mysql> select *from issued;
```

```
+-----+-----+
```

```
| sid | bname |
```

```
+-----+-----+
```

```
| 7 | dsa |
```

| 9 | dbms |

+-----+-----+

2 rows in set (0.00 sec)

mysql> delimiter //

mysql> create trigger tr_up_issued

-> after update

-> on stud

-> for each row

-> begin

-> update issued

-> set sid=new.sid where sid=old.sid;

-> end //

Query OK, 0 rows affected (0.17 sec)

mysql> delimiter ;

mysql> insert into stud values(11,"savi","BE",22,"issue","science");

Query OK, 1 row affected (0.16 sec)

mysql> insert into stud values(12,"sai","ME",25,"issue","spm");

Query OK, 1 row affected (0.13 sec)

mysql> update stud set sid=1 where sid=3;

Query OK, 1 row affected (0.15 sec)

Rows matched: 1 Changed: 1 Warnings: 0

mysql> select *from stud;

+-----+-----+-----+-----+-----+

| sid | name | class | age | issued | bname |

+-----+-----+-----+-----+-----+

	1		mansi		TE		21		issue		css	
	2		kirti		BE		22		issue		java	
	1		shruti		ME		23		issue		python	
	4		siddhesh		12th		20		issue		js	
	5		swara		5th		12		issue		html	
	6		shreya		10th		16		issue		c	
	7		om		SE		24		issue		dsa	
	9		saurabh		mba		25		issue		dbms	
	11		savi		BE		22		issue		science	
	12		sai		ME		25		issue		spm	

```

+-----+-----+-----+-----+-----+-----+

```

10 rows in set (0.00 sec)

mysql> select *from issued;

```

+-----+-----+
| sid | bname |
+-----+-----+
| 7 | dsa |
| 9 | dbms |
| 11 | science |
| 12 | spm |
+-----+-----+

```

4 rows in set (0.00 sec)

mysql> show triggers;

```

+-----+-----+-----+-----+-----+-----+-----+
+-----+-----+-----+-----+-----+-----+-----+
+-----+-----+-----+-----+-----+-----+

```

Trigger	Event	Table	Statement	Timing	Created	Definer
sql_mode						
character_set_client		collation_connection	Database Collation			


```

+-----+-----+-----+-----+-----+-----+
+-----+-----+-----+-----+-----+-----+
+-----+-----+-----+-----+-----+-----+
+-----+-----+-----+-----+-----+-----+

| tr_ins_stud | INSERT | stud | begin

insert into issued values(new.sid,new.bname);

end | BEFORE | 2024-10-09 14:09:44.29 |
ONLY_FULL_GROUP_BY,STRICT_TRANS_TABLES,NO_ZERO_IN_DATE,NO_ZERO_DATE,ER
ROR_FOR_DIVISION_BY_ZERO,NO_ENGINE_SUBSTITUTION | root@localhost | utf8mb4
| utf8mb4_0900_ai_ci | utf8mb4_0900_ai_ci |

| tr_up_issued | UPDATE | stud | begin

update issued

set sid=new.sid where sid=old.sid;

end | AFTER | 2024-10-09 14:17:21.77 |
ONLY_FULL_GROUP_BY,STRICT_TRANS_TABLES,NO_ZERO_IN_DATE,NO_ZERO_DATE,ER
ROR_FOR_DIVISION_BY_ZERO,NO_ENGINE_SUBSTITUTION | root@localhost | utf8mb4
| utf8mb4_0900_ai_ci | utf8mb4_0900_ai_ci |

| tr_del_stud | DELETE | stud | begin

delete from issued where sid=old.sid;

end | AFTER | 2024-10-09 14:14:34.03 |
ONLY_FULL_GROUP_BY,STRICT_TRANS_TABLES,NO_ZERO_IN_DATE,NO_ZERO_DATE,ER
ROR_FOR_DIVISION_BY_ZERO,NO_ENGINE_SUBSTITUTION | root@localhost | utf8mb4
| utf8mb4_0900_ai_ci | utf8mb4_0900_ai_ci |

+-----+-----+-----+-----+-----+-----+
+-----+-----+-----+-----+-----+-----+
+-----+-----+-----+-----+-----+-----+
+-----+-----+-----+-----+-----+-----+

3 rows in set (0.32 sec)

```