

```
create database rohit;

use rohit;

drop table if exists Student;

create table Student (

    id integer primary key,

    firstNm varchar(30),

    lastNm varchar(30)

);

drop table if exists Students_Audit;

create table Students_Audit (

    actions varchar(10),

    id integer,

    changedate varchar(150)

);
```

BEFORE UPDATE

```
drop trigger if exists before_student_update;

create trigger before_student_update

    before update on Student

    for each row

insert into Students_Audit

set actions = 'update',

    id = OLD.id,

    changedate = now();
```

BEFORE INSERT

```
drop trigger if exists before_students_insert;

DELIMITER $$

create trigger before_students_insert

before insert
```

```
on Student for each row
```

```
begin
```

```
    insert into Students_Audit
```

```
        set actions = 'insert',
```

```
        changedate = NOW();
```

```
end $$
```

```
DELIMITER ;
```

```
DELIMITER $$
```

BEFORE DELETE

```
create trigger before_students_delete
```

```
before delete
```

```
on Student for each row
```

```
begin
```

```
    insert into Students_Audit
```

```
        set actions = 'delete',
```

```
        id = old.id,
```

```
        changedate = now();
```

```
end$$
```

```
DELIMITER ;
```

```
insert into Student values(1,'Rohit','Gonsalves');
```

```
select * from Students_Audit;
```

```
update Student set firstNm = 'Darshan' where id = 1;
```

```
select * from Students_Audit;
```

```
delete from Student where id = 1;
```

```
select * from Students_Audit;
```