```sql
drop database if exists rohit;

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_Log;

create table Students_Log (

        actions varchar(10),

    id integer,

    firstNm varchar(30),

    changedate varchar(150)

);
```

Before Update

```sql
drop trigger if exists before_student_update;

create trigger before_student_update

    before update on Student

    for each row

insert into Students_Log

set actions = 'update',

        id = old.id,

    firstNm = old.firstNm,

        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_Log

    set actions = 'insert',

    id = new.id,

    firstNm = new.firstNm,

    changedate = now();


end $$


DELIMITER ;


DELIMITER $$
```

Before Delete

```
create trigger before_students_delete

before delete

on Student for each row

begin

    insert into Students_Log

    set actions = 'delete',

    id = old.id,

    firstNm = old.firstNm,

        changedate = now();
```

```
end$$
```

```
DELIMITER ;
```

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

```
select * from Students_Log;
```

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

```
select * from Students_Log;
```

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

```
select * from Students_Log;
```

actions	id	firstNm	changedate
insert	1	Rohit	2020-01-11 13:10:29
update	1	Rohit	2020-01-11 13:10:38
delete	1	Darshan	2020-01-11 13:10:49