

Ex:No:17

Date: 29/01/2023

## TRIGGER

### Program 1 :

Create a trigger in MySQL to log the changes of the EMPLOYEES table with fields ID, Name and Email. Also create a new table named EMPLOYEES\_AUDIT to keep the changes of the employee table. Create a BEFORE UPDATE trigger that is invoked before a change is made to the employees table.

```
mysql> delimiter //
mysql> create trigger before_employees_update
-> before update on employees
-> for each row
-> begin
-> insert into employees
-> set action = 'update',
-> employees_id=old.id,
-> lastname=old.name,
-> changedat=now();
-> end //
Query OK, 0 rows affected (0.01 sec)

mysql> delimiter ;
mysql> update employees set name='tony_stark_c' where id=3;
```