**Triggers in sql:-**

CREATE DATABASE triggers\_db

CREATE TABLE candidates

(

c\_id int(10),

c\_name varchar(30)

)

INSERT INTO candidates(c\_id,c\_name) VALUES(1,"manav");

INSERT INTO candidates(c\_id,c\_name) VALUES(2,"dipali");

INSERT INTO candidates(c\_id,c\_name) VALUES(3,"ekta");

CREATE TABLE test

(

id int,

name varchar(30),

date\_time timestamp,

(timestamp is code for date same as now())

action\_performed varchar(50)

)

**Insert trigger:-**

DELIMITER $$

CREATE TRIGGER insert\_trigger AFTER INSERT ON candidates FOR EACH ROW

BEGIN

INSERT INTO test(id,name,action\_performed) VALUES(new.c\_id,new.c\_name,"Record Inserted!!");

END

Then insert the values in candidates table 4, abhishek and 5, preetam

**Update trigger:-**

DELIMITER $$

CREATE TRIGGER update\_trigger AFTER UPDATE ON candidates FOR EACH ROW

BEGIN

INSERT INTO test(id,name,action\_performed) VALUES(new.c\_id,new.c\_name,"Record Updated!!");

END

UPDATE candidates SET c\_name="Divy" WHERE c\_id=3

**Delete trigger:-**

DELIMITER $$

CREATE TRIGGER delete\_trigger AFTER DELETE ON candidates FOR EACH ROW

BEGIN

INSERT INTO test(id,name,action\_performed) VALUES(old.c\_id,old.c\_name,"Record Deleted!!");

END

DELETE FROM candidates WHERE c\_id=4

Task :- Create table students and teacher and add values in student and create trigger in teacher table

CREATE TABLE students

(

stu\_id int(10),

stu\_name varchar(30)

)

INSERT INTO students(stu\_id,stu\_name) VALUES(1,"manav");

INSERT INTO students(stu\_id,stu\_name) VALUES(2,"dipali");

INSERT INTO students(stu\_id,stu\_name) VALUES(3,"ekta");

CREATE TABLE teacher

(

id int,

name varchar(30),

date\_time timestamp,

action\_performed varchar(50)

)

DELIMITER $$

CREATE TRIGGER insert2\_trigger AFTER INSERT ON students FOR EACH ROW

BEGIN

INSERT INTO teachers(id,name,action\_performed) VALUES(new.stu\_id,new.stu\_name,"Record Inserted!!");

END