**DATABASE:-**

Is collection of data(or information) store in one format that can be easily accessed.

**SQL:** Is standard lang we use to "talk" to our database.

**Create Database: =>** Create Database xyz

**Create Database Table:**  => 1) use xyz.

2) create table emp(id int,name varchar(50),dept varchar(50), salary float (8,2)).

**Constraints**:

constraints means restriction on data in table column.

it is sepcify the rule for paticular data in table.

**Triggers**: A trigger is a special type of stored procedure that automatically runs when an event occures in the databsase server.

**Triggers:**when the event occurs and condition is true executed action

three component:

1)event

2)condition

3)action

procedure:

A procedure (often called a stored procedure) is a collection of pre-compiled SQL statements stored inside the database.

**Trigger:**

DELIMITER //

CREATE TRIGGER binsert1

BEFORE INSERT ON dilshad\_41\_triggers

for EACH ROW

BEGIN

IF new.occupation='Engg' then SET

new.occupation='Eenginers';

END IF;

END //

**Peocedure**

DELIMITER &&;

CREATE PROCEDURE abc( )

BEGIN

SELECT\*FROM salaries WHERE amount>30000;

END &&;

DELIMITER ;

calling :- call get\_merit\_students()