**Stored Procedures**

A Stored procedure is group of SQL statements. If you have a situation, where you write the same query over and over again you can save that specific query as a stored procedure and call it just by its name.

1. Use ‘CREATE PROCEDURE’ OR ‘CREATE PROC’ statement to create SP.

Naming convention -: don’t use sp\_ as a prefix for SP.

Because all the system SP are prefixed with SP.

Main approach of SP is to combine all repeated queries in one stored procedure.

E.g. Select \* from Employee.

**How to create procedure**

CREATE PROCEDURE (Procedure name)

As

BEGIN

Query

END

e.g. -:

DELIMITER //

CREATE PROCEDURE spGetEmployee()

BEGIN

select FIRST\_NAME, LAST\_NAME from employee;

END //

DELIMITER ;

To run the stored procedure-:

call spGetEmployee

To Drop procedure –:

Drop procedure stored\_procedure\_name;

**In Built Functions in MySQL**

1. min

2. max

3. avg

4. count

String functions-:

1. concat ( select concat(“nil”,”nitin”);)

2. length

3. lower case (lower/ lcase)

4. uper case (upper/ ucase)

**Trim Functions in MySQL**

1. ltrim -: Trim from left side spaces

2. rtrim -: Trim from right side spaces

3. trim -: Trim from both the sides.

**Substring Function**

SUBSTR(Str,position,[length])