**GROUP BY**:- Group by is used to group the particular values in a table and it is used with aggregate functions(sum, min, max, count, avg)

SELECT COUNT(id) fname,lname FROM students GROUP BY fname

SELECT COUNT(id) fname,lname FROM students GROUP BY lname

SELECT COUNT(stu\_id) stu\_name,stu\_marks FROM student GROUP BY stu\_name

(To group same name)

SELECT COUNT(stu\_id) stu\_name,stu\_marks FROM student GROUP BY stu\_marks

(To group same subject)

Date Time datatypes:-

**curdate()**🡪 YYYY-MM-DD

SELECT CURRENT\_DATE()

(To find out current date)

**curtime()**:- HH:Mi:SS

SELECT CURRENT\_TIME()

(To find out current time)

**now()**:- SELECT now()

(To get current date and time both)

Task :-

Create table hospital and add current time and date of born baby

INSERT INTO hosptial(birth\_date,birth\_time) VALUES(CURRENT\_DATE(),CURRENT\_TIME())

String functions in sql:-

**concat** – merge two strings:-

SELECT concat("Dipali"," ", "Maths")

(To merge two cells of table)

**reverse** – reverse the string

SELECT reverse(“Ekta”)

**char\_length** :- To find the length of string(word)

SELECT char\_length("Dipali")

**UPPER** :- Convert string in upper case

SELECT UPPER("Dipali")

**LOWER** :- Convert string in lower case

SELECT LOWER("DIPALI")

SELECT concat(first\_name," ",last\_name) FROM employee

(To merge the entire name of all the candidates)

**Alias(as)** – To change the column name temporary. It provides more readability.

SELECT concat(first\_name," ",last\_name) AS fullname FROM employee