MySQL functions

Single row function

Date function

now() : this function provide system date and time

curdate() : this function provide system current date

curtime() : this function provide system current time

date\_format(date,’format’): which help to extra the particular information from date and display custom format.

**select date\_format(now(),'%d');**

**select date\_format(now(),'%d-%m');**

**select date\_format(now(),'%d-%m-%y');**

**select date\_format(now(),'%d-%m-%Y');**

**select date\_format(now(),'%d-%M-%Y');**

**select date\_format(now(),'%h:%i:%s');**

date\_add(date,interval value unit);

date\_sub(date,interval value unit);

select date\_add(now(),interval 5 day);

select date\_add(now(),interval 2 month);

select date\_sub(now(),interval 2 month);

select **date\_add**(date\_add(now(),interval 2 month),**interval 5 day)**;

null handling functions

isnull() : if null value present in record it replace by 1 else 0.

Ifnull(columName,’replace value’) : if it find null it replace by replace value.

**Select sname,age,isnull(age),ifnull(age,’No age provided’) from student;**

**select sname,age,isnull(age),ifnull(age,21) from student;**

control flow functions

if(columName ro value,trueValue,falseValue)

**select ename,salary,if(salary>50000,'Above Avg Salary','Below Avg Salary') as AvgSalaryData from employee;**

**select ename,salary,if(salary>50000,salary+1000,salary+2500) as UpdatedSalary from employee;**

if we want to check multiple condition and return the value then you can use case function

case when condition then value

when condition then value

when condition then value

else value end

select ename,salary,

case when salary > 60000 then 'Manager'

else 'Developer' end from employee;

select ename, salary,

case

when salary > 60000 then 'Manager'

when salary > 40000 then 'Developer'

else 'Tester' end

Designation from employee;