-- My SQL inBuilt commands

show databases;

use mysql;

show tables;

select \* from component;

describe component;

create database sql\_intro;

show databases;

create table emp\_details (Name varchar(25), Age int, sec char(1),doj date, city varchar(24),salary float);

describe emp\_details;

-- insert into emp\_details

-- values("prat",21,"M","2001-11-14","Sangli",250000.00),

-- ("Aman",20,"F","2002-10-12","Nagpur",280000.05);

insert into emp\_details

values("Jimmy", 35, "M", "2005-05-30", "Chicago", 70000),

("Shane", 30, "M", "1999-06-25", "Seattle", 55000),

("Marry", 28, "F", "2009-03-10", "Boston", 62000),

("Dwayne", 37, "M", "2011-07-12", "Austin", 57000),

("Sara", 32, "F", "2017-10-27", "New York", 72000),

("Ammy", 35, "F", "2014-12-20", "Seattle", 80000);

select \* from emp\_details;

select distinct city from emp\_details;

select count(name) from emp\_details;

select count(name) as count\_name from emp\_details;

select sum(salary) from emp\_details;

select avg(salary) from emp\_details;

select name, age, city from emp\_details;

select \* from emp\_details where age > 30;

select \* from emp\_details where sec = "F";

select \* from emp\_details where city = 'Chicago' or city = 'Austin';

select \* from emp\_details where city in ('Chicago','Austin');

select \* from emp\_details where doj between '2007-01-01' and '2016-01-01';

select \* from emp\_details where age>30 and sec="M";

select sec, sum(salary) as total\_salary from emp\_details group by sec;

-- sort in term of salary

select \* from emp\_details order by salary desc;

select (10+20) as addition;

select length('India') as total\_len;

select repeat('@',100);

select upper('India');

select day(curdate());

select now();

-- String Function

select lcase('INDIA') as lowercase;

-- How to apply this on tables

select Name, character\_length(Name) as NameLength from emp\_details;

select concat((Name), " is" , " good boi") as merged from emp\_details;

select sec, Name, concat(sec, " is gender of ", Name) as genderandname from emp\_details;

select reverse('India');

select reverse(Name) from emp\_details;

select replace("Swapnil is a boy", "boy","Girl");

select ltrim(" India ");

select length(" India ");

select length(ltrim(" India "));

-- similry we can use right trim to delete spaces from right side

select position("fruit" in "orange is a nice fruit") as posi;

select ascii('a');

select ascii('4');