SQL statement:

CREATE TABLE emp\_details(Name varchar(10), Age int, sex char(1), DOJ date, city varchar(10), salary float);

Insert into emp\_details values

(“Teju”, 35, ”F”, ”2005-05-30”, ”Chicago”, 70000),

(“Vishnu”, 30, “M”, “1999-06-25”, “Bangalore”, 55000),  
("Marry", 28, "F", "2009-03-10", "Boston", 62000),  
("Ashwini", 37, "F", "2011-07-12", "Mysore", 57000),  
("Sara", 32, "F", "2017-10-27", "New York", 72000),  
("Ammy", 35, "F", "2014-12-20", "Seattle", 80000);

select distinct city from emp\_details;

Result:

city

Chicago

Bangalore

Boston

Mysore

New York

Seattle

select count(name) from emp\_details;

Result:

count(name)

6

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

Result:

count\_emp\_name

6

select sum(salary) from emp\_details;

Result:

sum(salary)

396000

select avg(salary) from emp\_details;

Result:

Avg(salary)

66000

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

select \* from emp\_details where sex=”F”;

select \* from emp\_details where city="Mysore" or city = "Bangalore";

select \* from emp\_details where city in("Chicago","Bangalore");

select \* from emp\_details where doj between "2000-01-01" and "2010-01-01";

select \* from emp\_details where age>30 and sex = "F";

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

Result:

sex total\_emp\_salary

F 341000

M 55000

select \* from emp\_details order by salary;

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

select (20+50) as addition;

Result:

addition

70

select length("Bhavani") as length;

Result:

length

7

select repeat('@',10);

select upper("India") as capitalletter;

Result:

capitalletter

INDIA

select curdate();

select day(curdate());

select now();

select lower(“BHAVANI”);

Result:

bhavani

select character\_length("bhavani") as length;

select Firstname, character\_length(Firstname) as length from emp\_details;

select concat('hi', 'hello');

select studentid, Firstname, Lastname, concat(studentid,” “,Firstname,” “,Lastname,” “) as merged from student\_details;

select reverse("bhavani") as rev;

select replace("Apple is vegetable","vegetable","fruit") as replaced;

Result:

Apple is fruit

select replace("Apple is vegetable","vegetable","fruit") as replaced;

Result: 25

select ltrim(" bhavani ") as left\_trim;

select length(ltrim(" bhavani ")) as left\_trim;

Result:

left\_trim

16

select length(rtrim(" bhavani ")) as right\_trim;

Result:right\_trim

16

select length(trim(" bhavani ")) as trim;

Result:trim

7

select position("fruit" in "Apple is friut") as pos;

select ascii('a');

select ascii('4');