1. write a qureay whe os working in deptno 20 as well as salary is greter than 25000

select \* from emp;

+-----+----------+------------+------+------------+------------+-----------+--------+--------+-------------------+--------+------------------+

| Eid | Ename | DOB | Age | Dofjoin | bloodgroup | mobail\_no | deptno | salary | email | gender | desgination |

+-----+----------+------------+------+------------+------------+-----------+--------+--------+-------------------+--------+------------------+

| 1 | pooja | 1997-10-20 | 22 | 2019-10-20 | o+ | 45267891 | 10 | 20000 | pooja@gmail.com | f | software enginer |

| 2 | pari | 1997-10-20 | 22 | 2019-10-10 | B+ | 45237691 | 20 | 20000 | pari@gmail.com | f | software enginer |

| 3 | yuraj | 1997-10-20 | 22 | 2019-10-10 | B+ | 45237611 | 30 | 20000 | yuraj@gmail.com | M | tester |

| 4 | sachin | 1996-10-20 | 23 | 2019-02-10 | B+ | 45137611 | 30 | 20000 | sachin@gmail.com | M | tester |

| 5 | megha | 1996-10-20 | 23 | 2019-02-10 | B- | 45132611 | 30 | 45000 | megha@gmail.com | f | HR |

| 6 | mahesh | 1996-10-20 | 23 | 2019-03-10 | B- | 12345678 | 20 | 15000 | mahesh@gmail.com | M | tech support |

| 7 | mahi | 1994-10-20 | 27 | 2017-03-10 | o- | 12335678 | 10 | 30000 | mahi@gmail.com | M | Manger |

| 8 | avinah | 1994-10-20 | 27 | 2017-03-10 | o- | 23335678 | 10 | 10000 | avinash@gmail.com | M | Clark |

| 9 | mahadavi | 1994-10-20 | 27 | 2017-03-10 | B- | 93334678 | 20 | 15000 | avi34@gmail.com | f | tech support |

| 10 | anil | 1994-10-10 | 27 | 2017-05-08 | B- | 93224678 | 10 | 15000 | anil34@gmail.com | M | tester |

+-----+----------+------------+------+------------+------------+-----------+--------+--------+-------------------+--------+---------------

1. mysql> select \* from emp where deptno=20 and salary >25000;

Empty set (0.00 sec)

1. mysql> select \* from emp where deptno=20 and salary >20000;

Empty set (0.00 sec)

1. write a qurey to display who is working in dept no 10 and 20;

mysql> select \* from emp where deptno=20 and deptno=30;

Empty set (0.00 sec)

1. write a q t display employe detaile whoes job designation is tester and whoes age is 25;

mysql> select \* from emp where desgination='tester' and age=25;

Empty set (0.00 sec)

1. who is working as tester or having slary equal30000

mysql> select \* from emp where desgination = 'tester' or salary = 30000;

+-----+--------+------------+------+------------+------------+-----------+--------+--------+------------------+--------+-------------+

| Eid | Ename | DOB | Age | Dofjoin | bloodgroup | mobail\_no | deptno | salary | email | gender | desgination |

+-----+--------+------------+------+------------+------------+-----------+--------+--------+------------------+--------+-------------+

| 3 | yuraj | 1997-10-20 | 22 | 2019-10-10 | B+ | 45237611 | 30 | 20000 | yuraj@gmail.com | M | tester |

| 4 | sachin | 1996-10-20 | 23 | 2019-02-10 | B+ | 45137611 | 30 | 20000 | sachin@gmail.com | M | tester |

| 7 | mahi | 1994-10-20 | 27 | 2017-03-10 | o- | 12335678 | 10 | 30000 | mahi@gmail.com | M | Manger |

| 10 | anil | 1994-10-10 | 27 | 2017-05-08 | B- | 93224678 | 10 | 15000 | anil34@gmail.com | M | tester |

+-----+--------+------------+------+------------+------------+-----------+--------+--------+------------------+--------+-------------+

4 rows in set (0.00 sec)

1. write a q to disaply name salary age from the emp table who is working in dept no 30 or 50;

mysql> select Ename,salary,Age from emp where deptno = 30 or deptno = 50;

+--------+--------+------+

| Ename | salary | Age |

+--------+--------+------+

| yuraj | 20000 | 22 |

| sachin | 20000 | 23 |

| megha | 45000 | 23 |

+--------+--------+---

1. write a q to disaply name salary age from the emp table who is working in dept no 40 or 50;

mysql> select Ename,salary,Age from emp where deptno = 40 or deptno = 50;

1. write a qu who age is more than 25 and blood group is b+
2. write a q todispaly all the record of the emp excluding tester;

mysql> select \* from emp where not desgination='tester';

| Eid | Ename | DOB | Age | Dofjoin | bloodgroup | mobail\_no | deptno | salary | email | gender | desgination |

+-----+----------+------------+------+------------+------------+-----------+--------+--------+-------------------+--------+------------------+

| 1 | pooja | 1997-10-20 | 22 | 2019-10-20 | o+ | 45267891 | 10 | 20000 | pooja@gmail.com | f | software enginer |

| 2 | pari | 1997-10-20 | 22 | 2019-10-10 | B+ | 45237691 | 20 | 20000 | pari@gmail.com | f | software enginer |

| 5 | megha | 1996-10-20 | 23 | 2019-02-10 | B- | 45132611 | 30 | 45000 | megha@gmail.com | f | HR |

| 6 | mahesh | 1996-10-20 | 23 | 2019-03-10 | B- | 12345678 | 20 | 15000 | mahesh@gmail.com | M | tech support |

| 7 | mahi | 1994-10-20 | 27 | 2017-03-10 | o- | 12335678 | 10 | 30000 | mahi@gmail.com | M | Manger |

| 8 | avinah | 1994-10-20 | 27 | 2017-03-10 | o- | 23335678 | 10 | 10000 | avinash@gmail.com | M | Clark |

| 9 | mahadavi | 1994-10-20 | 27 | 2017-03-10 | B- | 93334678 | 20 | 15000 | avi34@gmail.com | f | tech support |

+-----+----------+------------+------+------------+------------+-----------+--------+--------+-------------------+--------+------------------+

1. Write a q who is working as hR and tester and salary is greater than 450000

mysql> select \* from emp where desgination ='HR' or desgination='tester'and salary >45000;

+-----+-------+------------+------+------------+------------+-----------+--------+--------+-----------------+--------+-------------+

| Eid | Ename | DOB | Age | Dofjoin | bloodgroup | mobail\_no | deptno | salary | email | gender | desgination |

+-----+-------+------------+------+------------+------------+-----------+--------+--------+-----------------+--------+-------------+

| 5 | megha | 1996-10-20 | 23 | 2019-02-10 | B- | 45132611 | 30 | 45000 | megha@gmail.com | f | HR |

+-----+-------+------------+------+------------+------------+-----------+--------+--------+-----------------+--------+-------------+

1. row in set (0.00 sec)
2. Write a q excluding softwer dev who is working deptno 30;

mysql> select \* from emp where not(desgination ='software enginer'or deptno =30);

+-----+----------+------------+------+------------+------------+-----------+--------+--------+-------------------+--------+--------------+

| Eid | Ename | DOB | Age | Dofjoin | bloodgroup | mobail\_no | deptno | salary | email | gender | desgination |

+-----+----------+------------+------+------------+------------+-----------+--------+--------+-------------------+--------+--------------+

| 6 | mahesh | 1996-10-20 | 23 | 2019-03-10 | B- | 12345678 | 20 | 15000 | mahesh@gmail.com | M | tech support |

| 7 | mahi | 1994-10-20 | 27 | 2017-03-10 | o- | 12335678 | 10 | 30000 | mahi@gmail.com | M | Manger |

| 8 | avinah | 1994-10-20 | 27 | 2017-03-10 | o- | 23335678 | 10 | 10000 | avinash@gmail.com | M | Clark |

| 9 | mahadavi | 1994-10-20 | 27 | 2017-03-10 | B- | 93334678 | 20 | 15000 | avi34@gmail.com | f | tech support |

| 10 | anil | 1994-10-10 | 27 | 2017-05-08 | B- | 93224678 | 10 | 15000 | anil34@gmail.com | M | tester |i

+-----+----------+------------+------+------------+------------+-----------+--------+--------+-------------------+--------+--------------+

1. rows in set (0.00 sec)
2. Write a q to display all the software dev who are working in dept In 30 or 40;

mysql> select \* from emp where desgination ='software enginer'and (deptno=30 or deptno=40);

Empty set (0.00 sec)

Special operator

IN- it is user for evaluating mmultiple values

Select \* from table\_name where colum\_name IN(list of value);

1. Write a q to display all the detail of emp working 40,30,50;

mysql> select \* from emp where deptno in(20,30,40);

+-----+----------+------------+------+------------+------------+-----------+--------+--------+------------------+--------+------------------+

| Eid | Ename | DOB | Age | Dofjoin | bloodgroup | mobail\_no | deptno | salary | email | gender | desgination |

+-----+----------+------------+------+------------+------------+-----------+--------+--------+------------------+--------+------------------+

| 2 | pari | 1997-10-20 | 22 | 2019-10-10 | B+ | 45237691 | 20 | 20000 | pari@gmail.com | f | software enginer |

| 3 | yuraj | 1997-10-20 | 22 | 2019-10-10 | B+ | 45237611 | 30 | 20000 | yuraj@gmail.com | M | tester |

| 4 | sachin | 1996-10-20 | 23 | 2019-02-10 | B+ | 45137611 | 30 | 20000 | sachin@gmail.com | M | tester |

| 5 | megha | 1996-10-20 | 23 | 2019-02-10 | B- | 45132611 | 30 | 45000 | megha@gmail.com | f | HR |

| 6 | mahesh | 1996-10-20 | 23 | 2019-03-10 | B- | 12345678 | 20 | 15000 | mahesh@gmail.com | M | tech support |

| 9 | mahadavi | 1994-10-20 | 27 | 2017-03-10 | B- | 93334678 | 20 | 15000 | avi34@gmail.com | f | tech support |

+-----+----------+------------+------+------------+------------+-----------+--------+--------+------------------+--------+------------------+

6 rows in set (0.03 sec)

1. Write a q name of emp who is working as tester and hr clerk;

mysql> select \* from emp where desgination in('tester','HR','clark');

+-----+--------+------------+------+------------+------------+-----------+--------+--------+-------------------+--------+-------------+

| Eid | Ename | DOB | Age | Dofjoin | bloodgroup | mobail\_no | deptno | salary | email | gender | desgination |

+-----+--------+------------+------+------------+------------+-----------+--------+--------+-------------------+--------+-------------+

| 3 | yuraj | 1997-10-20 | 22 | 2019-10-10 | B+ | 45237611 | 30 | 20000 | yuraj@gmail.com | M | tester |

| 4 | sachin | 1996-10-20 | 23 | 2019-02-10 | B+ | 45137611 | 30 | 20000 | sachin@gmail.com | M | tester |

| 5 | megha | 1996-10-20 | 23 | 2019-02-10 | B- | 45132611 | 30 | 45000 | megha@gmail.com | f | HR |

| 8 | avinah | 1994-10-20 | 27 | 2017-03-10 | o- | 23335678 | 10 | 10000 | avinash@gmail.com | M | Clark |

| 10 | anil | 1994-10-10 | 27 | 2017-05-08 | B- | 93224678 | 10 | 15000 | anil34@gmail.com | M | tester |

+-----+--------+------------+------+------------+------------+-----------+--------+--------+-------------------+--------+-------------+

5 rows in set (0.00 sec)

1. Display who are tester software dev , dept n0 30,40,20 and slaray is 400000;

select \* from emp where(desgination in('tester','admin','software enginer') and deptno in(20,30)) and salary =40000;

Empty set (0.00 sec)

mysql> select \* from emp where desgination in('tester','admin','software enginer') or deptno in(20,30) and salary =40000;

+-----+--------+------------+------+------------+------------+-----------+--------+--------+------------------+--------+------------------+

| Eid | Ename | DOB | Age | Dofjoin | bloodgroup | mobail\_no | deptno | salary | email | gender | desgination |

+-----+--------+------------+------+------------+------------+-----------+--------+--------+------------------+--------+------------------+

| 1 | pooja | 1997-10-20 | 22 | 2019-10-20 | o+ | 45267891 | 10 | 20000 | pooja@gmail.com | f | software enginer |

| 2 | pari | 1997-10-20 | 22 | 2019-10-10 | B+ | 45237691 | 20 | 20000 | pari@gmail.com | f | software enginer |

| 3 | yuraj | 1997-10-20 | 22 | 2019-10-10 | B+ | 45237611 | 30 | 20000 | yuraj@gmail.com | M | tester |

| 4 | sachin | 1996-10-20 | 23 | 2019-02-10 | B+ | 45137611 | 30 | 20000 | sachin@gmail.com | M | tester |

| 10 | anil | 1994-10-10 | 27 | 2017-05-08 | B- | 93224678 | 10 | 15000 | anil34@gmail.com | M | tester |

+-----+--------+------------+------+------------+------------+-----------+--------+--------+------------------+--------+------------------+

5 rows in set (0.00 sec)

mysql> select \* from emp where(desgination in('tester','admin','software enginer') or deptno in(20,30)) and salary =40000;

Empty set (0.00 sec)

mysql> select \* from emp where(desgination in('tester','admin','software enginer') and deptno in(20,30)) and salary =40000;

Empty set (0.00 sec)

mysql> select \* from emp where desgination in('tester','admin','software enginer') and deptno in(20,30) and salary =40000;

Empty set (0.00 sec)

Not IN- select \* from emp where deptno not in(10,20,30,50)

1. Write q to display all the recorde of the emple who is working as tester ,hr ,software

mysql> select \* from emp where desgination not in('tester','admin','software enginer')

-> ;

+-----+----------+------------+------+------------+------------+-----------+--------+--------+-------------------+--------+--------------+

| Eid | Ename | DOB | Age | Dofjoin | bloodgroup | mobail\_no | deptno | salary | email | gender | desgination |

+-----+----------+------------+------+------------+------------+-----------+--------+--------+-------------------+--------+--------------+

| 5 | megha | 1996-10-20 | 23 | 2019-02-10 | B- | 45132611 | 30 | 45000 | megha@gmail.com | f | HR |

| 6 | mahesh | 1996-10-20 | 23 | 2019-03-10 | B- | 12345678 | 20 | 15000 | mahesh@gmail.com | M | tech support |

| 7 | mahi | 1994-10-20 | 27 | 2017-03-10 | o- | 12335678 | 10 | 30000 | mahi@gmail.com | M | Manger |

| 8 | avinah | 1994-10-20 | 27 | 2017-03-10 | o- | 23335678 | 10 | 10000 | avinash@gmail.com | M | Clark |

| 9 | mahadavi | 1994-10-20 | 27 | 2017-03-10 | B- | 93334678 | 20 | 15000 | avi34@gmail.com | f | tech support |

+-----+----------+------------+------+------------+------------+-----------+--------+--------+-------------------+--------+------------------

1. Write a record who dept no is 20,30,40 and exclude tester and software dev.

mysql> select \* from emp where deptno in(10,20,30) and desgination not in('tester','software enginer');

+-----+----------+------------+------+------------+------------+-----------+--------+--------+-------------------+--------+--------------+

| Eid | Ename | DOB | Age | Dofjoin | bloodgroup | mobail\_no | deptno | salary | email | gender | desgination |

+-----+----------+------------+------+------------+------------+-----------+--------+--------+-------------------+--------+--------------+

| 5 | megha | 1996-10-20 | 23 | 2019-02-10 | B- | 45132611 | 30 | 45000 | megha@gmail.com | f | HR |

| 6 | mahesh | 1996-10-20 | 23 | 2019-03-10 | B- | 12345678 | 20 | 15000 | mahesh@gmail.com | M | tech support |

| 7 | mahi | 1994-10-20 | 27 | 2017-03-10 | o- | 12335678 | 10 | 30000 | mahi@gmail.com | M | Manger |

| 8 | avinah | 1994-10-20 | 27 | 2017-03-10 | o- | 23335678 | 10 | 10000 | avinash@gmail.com | M | Clark |

| 9 | mahadavi | 1994-10-20 | 27 | 2017-03-10 | B- | 93334678 | 20 | 15000 | avi34@gmail.com | f | tech support |

+-----+----------+------------+------+------------+------------+-----------+--------+--------+-------------------+--------+--------------+

5 rows in set (0.00 sec)

Bettween – it is used for searchoiing based on range of value

Select \* from table where colum\_name between value1 and value2;

1. Write a q to display all the detail of emply who age is bewn 20 to 40;

select \* from emp where Age between 20 and 40;

+-----+----------+------------+------+------------+------------+-----------+--------+--------+-------------------+--------+------------------+

| Eid | Ename | DOB | Age | Dofjoin | bloodgroup | mobail\_no | deptno | salary | email | gender | desgination |

+-----+----------+------------+------+------------+------------+-----------+--------+--------+-------------------+--------+------------------+

| 1 | pooja | 1997-10-20 | 22 | 2019-10-20 | o+ | 45267891 | 10 | 20000 | pooja@gmail.com | f | software enginer |

| 2 | pari | 1997-10-20 | 22 | 2019-10-10 | B+ | 45237691 | 20 | 20000 | pari@gmail.com | f | software enginer |

| 3 | yuraj | 1997-10-20 | 22 | 2019-10-10 | B+ | 45237611 | 30 | 20000 | yuraj@gmail.com | M | tester |

| 4 | sachin | 1996-10-20 | 23 | 2019-02-10 | B+ | 45137611 | 30 | 20000 | sachin@gmail.com | M | tester |

| 5 | megha | 1996-10-20 | 23 | 2019-02-10 | B- | 45132611 | 30 | 45000 | megha@gmail.com | f | HR |

| 6 | mahesh | 1996-10-20 | 23 | 2019-03-10 | B- | 12345678 | 20 | 15000 | mahesh@gmail.com | M | tech support |

| 7 | mahi | 1994-10-20 | 27 | 2017-03-10 | o- | 12335678 | 10 | 30000 | mahi@gmail.com | M | Manger |

| 8 | avinah | 1994-10-20 | 27 | 2017-03-10 | o- | 23335678 | 10 | 10000 | avinash@gmail.com | M | Clark |

| 9 | mahadavi | 1994-10-20 | 27 | 2017-03-10 | B- | 93334678 | 20 | 15000 | avi34@gmail.com | f | tech support |

| 10 | anil | 1994-10-10 | 27 | 2017-05-08 | B- | 93224678 | 10 | 15000 | anil34@gmail.com | M | tester |

+-----+----------+------------+------+------------+------------+-----------+--------+--------+-------------------+--------+------------------+

rows in set (0.00 sec)

1. write a q to diplay who where jaoind during 2017 ;

mysql> select \* from emp where Dofjoin between '2017-01-01' and '2017-12-31';

+-----+----------+------------+------+------------+------------+-----------+--------+--------+-------------------+--------+--------------+

| Eid | Ename | DOB | Age | Dofjoin | bloodgroup | mobail\_no | deptno | salary | email | gender | desgination |

+-----+----------+------------+------+------------+------------+-----------+--------+--------+-------------------+--------+--------------+

| 7 | mahi | 1994-10-20 | 27 | 2017-03-10 | o- | 12335678 | 10 | 30000 | mahi@gmail.com | M | Manger |

| 8 | avinah | 1994-10-20 | 27 | 2017-03-10 | o- | 23335678 | 10 | 10000 | avinash@gmail.com | M | Clark |

| 9 | mahadavi | 1994-10-20 | 27 | 2017-03-10 | B- | 93334678 | 20 | 15000 | avi34@gmail.com | f | tech support |

| 10 | anil | 1994-10-10 | 27 | 2017-05-08 | B- | 93224678 | 10 | 15000 | anil34@gmail.com | M | tester |

+-----+----------+------------+------+------------+------------+-----------+--------+--------+-------------------+--------+--------------

1. Write a q o display all the record of the emp excluding 25000 to 30000;

mysql> select \* from emp where salary not between 25000 and 30000;

+-----+----------+------------+------+------------+------------+-----------+--------+--------+-------------------+--------+------------------+

| Eid | Ename | DOB | Age | Dofjoin | bloodgroup | mobail\_no | deptno | salary | email | gender | desgination |

+-----+----------+------------+------+------------+------------+-----------+--------+--------+-------------------+--------+------------------+

| 1 | pooja | 1997-10-20 | 22 | 2019-10-20 | o+ | 45267891 | 10 | 20000 | pooja@gmail.com | f | software enginer |

| 2 | pari | 1997-10-20 | 22 | 2019-10-10 | B+ | 45237691 | 20 | 20000 | pari@gmail.com | f | software enginer |

| 3 | yuraj | 1997-10-20 | 22 | 2019-10-10 | B+ | 45237611 | 30 | 20000 | yuraj@gmail.com | M | tester |

| 4 | sachin | 1996-10-20 | 23 | 2019-02-10 | B+ | 45137611 | 30 | 20000 | sachin@gmail.com | M | tester |

| 5 | megha | 1996-10-20 | 23 | 2019-02-10 | B- | 45132611 | 30 | 45000 | megha@gmail.com | f | HR |

| 6 | mahesh | 1996-10-20 | 23 | 2019-03-10 | B- | 12345678 | 20 | 15000 | mahesh@gmail.com | M | tech support |

| 8 | avinah | 1994-10-20 | 27 | 2017-03-10 | o- | 23335678 | 10 | 10000 | avinash@gmail.com | M | Clark |

| 9 | mahadavi | 1994-10-20 | 27 | 2017-03-10 | B- | 93334678 | 20 | 15000 | avi34@gmail.com | f | tech support |

| 10 | anil | 1994-10-10 | 27 | 2017-05-08 | B- | 93224678 | 10 | 15000 | anil34@gmail.com | M | tester |

+-----+----------+------------+------+------------+------------+-----------+--------+--------+-------------------+--------+------------------+

9 rows in set (0.00 sec)

mysql> select \* from emp where salary not between 15000 and 20000;

+-----+--------+------------+------+------------+------------+-----------+--------+--------+-------------------+--------+-------------+

| Eid | Ename | DOB | Age | Dofjoin | bloodgroup | mobail\_no | deptno | salary | email | gender | desgination |

+-----+--------+------------+------+------------+------------+-----------+--------+--------+-------------------+--------+-------------+

| 5 | megha | 1996-10-20 | 23 | 2019-02-10 | B- | 45132611 | 30 | 45000 | megha@gmail.com | f | HR |

| 7 | mahi | 1994-10-20 | 27 | 2017-03-10 | o- | 12335678 | 10 | 30000 | mahi@gmail.com | M | Manger |

| 8 | avinah | 1994-10-20 | 27 | 2017-03-10 | o- | 23335678 | 10 | 10000 | avinash@gmail.com | M | Clark |

+-----+--------+------------+------+------------+------------+-----------+--------+--------+-------------------+--------+-----------------------------------

**IS**-- use to check the null value;

**Select \* from table\_name where colum\_name is null;**

**Select \* from table\_name where colum\_name is not null;**

**LIKe special char \_. %**

**Normal char A to Z 0 to 9**

**Select \* from table\_name where colum\_name like ‘%/\_’ ;**

**Have % is use when don’t know ahe length of the char.**

**\_ hold one char..’**

1. Write a q whos name start with a;

select \* from emp where Ename like 'a%';

+-----+--------+------------+------+------------+------------+-----------+--------+--------+-------------------+--------+-------------+

| Eid | Ename | DOB | Age | Dofjoin | bloodgroup | mobail\_no | deptno | salary | email | gender | desgination |

+-----+--------+------------+------+------------+------------+-----------+--------+--------+-------------------+--------+-------------+

| 8 | avinah | 1994-10-20 | 27 | 2017-03-10 | o- | 23335678 | 10 | 10000 | avinash@gmail.com | M | Clark |

| 10 | anil | 1994-10-10 | 27 | 2017-05-08 | B- | 93224678 | 10 | 15000 | anil34@gmail.com | M | tester |

+-----+--------+------------+-----

1. Whos 2nd char id I;

select \* from emp where Ename like '\_i%';

Empty set (0.00 sec)

1. Write a q name of the emple which has at list 2 L in there name ;

select \* from emp where Ename like' %l%L%';

Empty set (0.00 sec)

1. Write a q display the name of the emply whos anme start with s and end with p;

select \* from emp where Ename like's%p';

Empty set (0.00 sec)

1. write a q to display all the recorde of the employ if the emplaoy name begin with A or s;

select \* from emp where Ename like 'a%' or Ename like 's%';

+-----+--------+------------+------+------------+------------+-----------+--------+--------+-------------------+--------+-------------+

| Eid | Ename | DOB | Age | Dofjoin | bloodgroup | mobail\_no | deptno | salary | email | gender | desgination |

+-----+--------+------------+------+------------+------------+-----------+--------+--------+-------------------+--------+-------------+

| 4 | sachin | 1996-10-20 | 23 | 2019-02-10 | B+ | 45137611 | 30 | 20000 | sachin@gmail.com | M | tester |

| 8 | avinah | 1994-10-20 | 27 | 2017-03-10 | o- | 23335678 | 10 | 10000 | avinash@gmail.com | M | Clark |

| 10 | anil | 1994-10-10 | 27 | 2017-05-08 | B- | 93224678 | 10 | 15000 | anil34@gmail.com | M | tester |

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |  |  |  |  |  |

1. Write a q salaray who is woking iun dept no 10,20,30 and designrtion stasrt with s;

select salary from emp where deptno in(10,20,30) and desgination like 's%';

+--------+

| salary |

+--------+

| 20000 |

| 20000 |

+--------+

mysql> select \* from emp where deptno in(10,20,30) and desgination like 's%';

+-----+-------+------------+------+------------+------------+-----------+--------+--------+-----------------+--------+------------------+

| Eid | Ename | DOB | Age | Dofjoin | bloodgroup | mobail\_no | deptno | salary | email | gender | desgination |

+-----+-------+------------+------+------------+------------+-----------+--------+--------+-----------------+--------+------------------+

| 1 | pooja | 1997-10-20 | 22 | 2019-10-20 | o+ | 45267891 | 10 | 20000 | pooja@gmail.com | f | software enginer |

| 2 | pari | 1997-10-20 | 22 | 2019-10-10 | B+ | 45237691 | 20 | 20000 | pari@gmail.com | f | software enginer |

+-----+-------+------------+------+------------+------------+-----------+--------+--------+-----------------+--------+--------------

**Function-**

**Perform a task**

1. **Single row function**
2. **multi row function**

* count
* sum
* avg
* min
* max
* mysql> select avg(salary) from emp;

+-------------+

| avg(salary) |

+-------------+

| 21000.0000 |

+-------------+

1 row in set (0.00 sec)

* mysql> select min(salary) from emp;

+-------------+

| min(salary) |

+-------------+

| 10000 |

+-------------+

1 row in set (0.05 sec)

* mysql> select max(salary) from emp;

+-------------+

| max(salary) |

+-------------+

| 45000 |

+-------------+

1 row in set (0.00 sec)

* mysql> select count(\*) from emp;

+----------+

| count(\*) |

+----------+

| 10 |

* mysql> select sum(salary) from emp;

+-------------+

| sum(salary) |

+-------------+

| 210000 |

+-------------+

**Order by clause**

The order by key word is used to sort the result-set in ascending or desingin order

Select colum1 colum2………. From table order by colum1 asc|desc;

Orderby clause written at last and exicute at last.

Order of exicution

From

where

select

orderby

1. all result of the emp and salary shoud be in decending order;

select \* from emp order by salary desc;

+-----+----------+------------+------+------------+------------+-----------+--------+--------+-------------------+--------+------------------+

| Eid | Ename | DOB | Age | Dofjoin | bloodgroup | mobail\_no | deptno | salary | email | gender | desgination |

+-----+----------+------------+------+------------+------------+-----------+--------+--------+-------------------+--------+------------------+

| 5 | megha | 1996-10-20 | 23 | 2019-02-10 | B- | 45132611 | 30 | 45000 | megha@gmail.com | f | HR |

| 7 | mahi | 1994-10-20 | 27 | 2017-03-10 | o- | 12335678 | 10 | 30000 | mahi@gmail.com | M | Manger |

| 1 | pooja | 1997-10-20 | 22 | 2019-10-20 | o+ | 45267891 | 10 | 20000 | pooja@gmail.com | f | software enginer |

| 2 | pari | 1997-10-20 | 22 | 2019-10-10 | B+ | 45237691 | 20 | 20000 | pari@gmail.com | f | software enginer |

| 3 | yuraj | 1997-10-20 | 22 | 2019-10-10 | B+ | 45237611 | 30 | 20000 | yuraj@gmail.com | M | tester |

| 4 | sachin | 1996-10-20 | 23 | 2019-02-10 | B+ | 45137611 | 30 | 20000 | sachin@gmail.com | M | tester |

| 6 | mahesh | 1996-10-20 | 23 | 2019-03-10 | B- | 12345678 | 20 | 15000 | mahesh@gmail.com | M | tech support |

| 9 | mahadavi | 1994-10-20 | 27 | 2017-03-10 | B- | 93334678 | 20 | 15000 | avi34@gmail.com | f | tech support |

| 10 | anil | 1994-10-10 | 27 | 2017-05-08 | B- | 93224678 | 10 | 15000 | anil34@gmail.com | M | tester |

| 8 | avinah | 1994-10-20 | 27 | 2017-03-10 | o- | 23335678 | 10 | 10000 | avinash@gmail.com | M | Clark |

+-----+----------+------------+------+------------+------------+-----------+--------+--------+-------------------+--------+------------------+

10 rows in set (0.05 sec)