**DRL-DATA REQUEST LANGUAGE OR DATA SELECTION LANUAGE OR DATA QUERY LANGUAGE**

**SELECT, WHERE, FROM,AND,OR,DISTINCT,MIN,MAX,AVERAGE,GROUP BY, ORDER BY,HAVING,AS**

Enter password: \*\*\*\*\*\*\*\*\*

Welcome to the MySQL monitor. Commands end with ; or \g.

Your MySQL connection id is 21

Server version: 8.0.30 MySQL Community Server - GPL

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owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> create database ABCcompany;

Query OK, 1 row affected (0.08 sec)

mysql> use ABCcompany;

Database changed

mysql> show databases;

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

| Database |

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

| abccompany |

| companies |

| company |

| country |

| dbramya |

| flower |

| hello |

| information\_schema |

| mysql |

| performance\_schema |

| sys |

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

11 rows in set (0.02 sec)

mysql> create table companystaffs(staffid int, staffname varchar(50), staffEmail varchar(50),Stafflocation varchar(50),staffphoneno int(50),staffdepartmentid int,staffmanagerid int,staffsalary int);

Query OK, 0 rows affected, 1 warning (0.35 sec)

mysql> select\*from companystaffs;

Empty set (0.06 sec)

mysql> desc companystaffs;

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

| Field | Type | Null | Key | Default | Extra |

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

| staffid | int | YES | | NULL | |

| staffname | varchar(50) | YES | | NULL | |

| staffEmail | varchar(50) | YES | | NULL | |

| Stafflocation | varchar(50) | YES | | NULL | |

| staffphoneno | int | YES | | NULL | |

| staffdepartmentid | int | YES | | NULL | |

| staffmanagerid | int | YES | | NULL | |

| staffsalary | int | YES | | NULL | |

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

8 rows in set (0.01 sec)

mysql> insert into companystaffs(staffid,staffname,staffEmail,stafflocation,staffphoneno,staffdepartmentid,staffmanagerid,staffsalary)values(01,'Ramya S','Ramya1234@gmail.com','Chennai',88222867,03,2,10000),(02,'vishali S','vishali1234@gmail.com','Chengalpet',76456780,03,2,10000),(03,'hemasri S','hemasri1234@gmail.com','chennai',45589634,03,2,50000),(04,'Rudhra M','Rudhra1234@gmail.com','chennai',67935463,04,2,50000),(05,'kajol S','kajol1234@gmail.com','chennai',98654865,03,2,60000),(06,'priya S','priya1234@gmail.com','chengalpet',66375834,03,3,60000),(07,'Vijaya A','vijaya1234@gmail.com','chengalpet',25657869,04,3,100000),(08,'selvakumar J','selvakumar1234@gmail.com','chennai',45689476,04,3,100000),(09,'kannan G','kannan1234@gmail.com','chennai',45578796,04,3,80000),(10,'Rajesh S','Rajesh1234@gmail.com','chengalpet',36758937,04,4,80000);

Query OK, 10 rows affected (0.12 sec)

Records: 10 Duplicates: 0 Warnings: 0

mysql> select\*from companystaffs;

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

| staffid | staffname | staffEmail | Stafflocation | staffphoneno | staffdepartmentid | staffmanagerid | staffsalary |

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

| 1 | Ramya S | Ramya1234@gmail.com | Chennai | 88222867 | 3 | 2 | 10000 |

| 2 | vishali S | vishali1234@gmail.com | Chengalpet | 76456780 | 3 | 2 | 10000 |

| 3 | hemasri S | hemasri1234@gmail.com | chennai | 45589634 | 3 | 2 | 50000 |

| 4 | Rudhra M | Rudhra1234@gmail.com | chennai | 67935463 | 4 | 2 | 50000 |

| 5 | kajol S | kajol1234@gmail.com | chennai | 98654865 | 3 | 2 | 60000 |

| 6 | priya S | priya1234@gmail.com | chengalpet | 66375834 | 3 | 3 | 60000 |

| 7 | Vijaya A | vijaya1234@gmail.com | chengalpet | 25657869 | 4 | 3 | 100000 |

| 8 | selvakumar J | selvakumar1234@gmail.com | chennai | 45689476 | 4 | 3 | 100000 |

| 9 | kannan G | kannan1234@gmail.com | chennai | 45578796 | 4 | 3 | 80000 |

| 10 | Rajesh S | Rajesh1234@gmail.com | chengalpet | 36758937 | 4 | 4 | 80000 |

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

10 rows in set (0.00 sec)

mysql> insert into companystaffs(staffid,staffname,staffEmail,stafflocation,staffphoneno,staffdepartmentid,staffmanagerid,staffsalary)values(11,'Ramya S','Ramya1234@gmail.com','Chennai',88222867,03,2,10000),(12,'vishali S','vishali1234@gmail.com','Chengalpet',76456780,03,2,10000),(13,'hemasri S','hemasri1234@gmail.com','chennai',45589634,03,2,50000),(14,'Rudhra M','Rudhra1234@gmail.com','chennai',67935463,04,2,50000),(15,'kajol S','kajol1234@gmail.com','chennai',98654865,03,2,60000),(16,'priya S','priya1234@gmail.com','chengalpet',66375834,03,3,60000),(17,'Vijaya A','vijaya1234@gmail.com','chengalpet',25657869,04,3,100000),(18,'selvakumar J','selvakumar1234@gmail.com','chennai',45689476,04,3,100000),(19,'kannan G','kannan1234@gmail.com','chennai',45578796,04,3,80000),(20,'Rajesh S','Rajesh1234@gmail.com','chengalpet',36758937,04,4,80000);

Query OK, 10 rows affected (0.07 sec)

Records: 10 Duplicates: 0 Warnings: 0

mysql> select\*from companystaffs;

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

| staffid | staffname | staffEmail | Stafflocation | staffphoneno | staffdepartmentid | staffmanagerid | staffsalary |

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

| 1 | Ramya S | Ramya1234@gmail.com | Chennai | 88222867 | 3 | 2 | 10000 |

| 2 | vishali S | vishali1234@gmail.com | Chengalpet | 76456780 | 3 | 2 | 10000 |

| 3 | hemasri S | hemasri1234@gmail.com | chennai | 45589634 | 3 | 2 | 50000 |

| 4 | Rudhra M | Rudhra1234@gmail.com | chennai | 67935463 | 4 | 2 | 50000 |

| 5 | kajol S | kajol1234@gmail.com | chennai | 98654865 | 3 | 2 | 60000 |

| 6 | priya S | priya1234@gmail.com | chengalpet | 66375834 | 3 | 3 | 60000 |

| 7 | Vijaya A | vijaya1234@gmail.com | chengalpet | 25657869 | 4 | 3 | 100000 |

| 8 | selvakumar J | selvakumar1234@gmail.com | chennai | 45689476 | 4 | 3 | 100000 |

| 9 | kannan G | kannan1234@gmail.com | chennai | 45578796 | 4 | 3 | 80000 |

| 10 | Rajesh S | Rajesh1234@gmail.com | chengalpet | 36758937 | 4 | 4 | 80000 |

| 11 | Ramya S | Ramya1234@gmail.com | Chennai | 88222867 | 3 | 2 | 10000 |

| 12 | vishali S | vishali1234@gmail.com | Chengalpet | 76456780 | 3 | 2 | 10000 |

| 13 | hemasri S | hemasri1234@gmail.com | chennai | 45589634 | 3 | 2 | 50000 |

| 14 | Rudhra M | Rudhra1234@gmail.com | chennai | 67935463 | 4 | 2 | 50000 |

| 15 | kajol S | kajol1234@gmail.com | chennai | 98654865 | 3 | 2 | 60000 |

| 16 | priya S | priya1234@gmail.com | chengalpet | 66375834 | 3 | 3 | 60000 |

| 17 | Vijaya A | vijaya1234@gmail.com | chengalpet | 25657869 | 4 | 3 | 100000 |

| 18 | selvakumar J | selvakumar1234@gmail.com | chennai | 45689476 | 4 | 3 | 100000 |

| 19 | kannan G | kannan1234@gmail.com | chennai | 45578796 | 4 | 3 | 80000 |

| 20 | Rajesh S | Rajesh1234@gmail.com | chengalpet | 36758937 | 4 | 4 | 80000 |

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

20 rows in set (0.00 sec)

mysql> select\*from companystaffs where staffsalary>=100000;

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

| staffid | staffname | staffEmail | Stafflocation | staffphoneno | staffdepartmentid | staffmanagerid | staffsalary |

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

| 7 | Vijaya A | vijaya1234@gmail.com | chengalpet | 25657869 | 4 | 3 | 100000 |

| 8 | selvakumar J | selvakumar1234@gmail.com | chennai | 45689476 | 4 | 3 | 100000 |

| 17 | Vijaya A | vijaya1234@gmail.com | chengalpet | 25657869 | 4 | 3 | 100000 |

| 18 | selvakumar J | selvakumar1234@gmail.com | chennai | 45689476 | 4 | 3 | 100000 |

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

4 rows in set (0.07 sec)

mysql> select staffid,staffname,staffdepartmentid,staffsalary where salary<=10000;

ERROR 1054 (42S22): Unknown column 'staffid' in 'field list'

mysql> selectstaffid,staffname,staffdepartmentid,staffsalary where salary<=10000;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'selectstaffid,staffname,staffdepartmentid,staffsalary where salary<=10000' at line 1

mysql> select staffname,staffdepartmentid,staffsalary where salary<=10000;

ERROR 1054 (42S22): Unknown column 'staffname' in 'field list'

mysql> select staffname,staffsalary where salary>=60000;

ERROR 1054 (42S22): Unknown column 'staffname' in 'field list'

mysql>

mysql>

mysql> select staffid,staffname,staffdepartmentid,staffsalary from companystaffs where salary<=10000;

ERROR 1054 (42S22): Unknown column 'salary' in 'where clause'

mysql> select staffid,staffname,staffdepartmentid,staffsalary from companystaffs where staffsalary<=10000;

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

| staffid | staffname | staffdepartmentid | staffsalary |

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

| 1 | Ramya S | 3 | 10000 |

| 2 | vishali S | 3 | 10000 |

| 11 | Ramya S | 3 | 10000 |

| 12 | vishali S | 3 | 10000 |

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

4 rows in set (0.00 sec)

mysql> SELECT \*

-> FROM officers

-> WHERE address = 'Lucknow'

-> ^C

mysql> select\*from companystaffs where staffEmail='Ramya1234@gmail.com' and staffdepartmentid=3;

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

| staffid | staffname | staffEmail | Stafflocation | staffphoneno | staffdepartmentid | staffmanagerid | staffsalary |

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

| 1 | Ramya S | Ramya1234@gmail.com | Chennai | 88222867 | 3 | 2 | 10000 |

| 11 | Ramya S | Ramya1234@gmail.com | Chennai | 88222867 | 3 | 2 | 10000 |

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

2 rows in set (0.03 sec)

mysql> select\*from companystaffs where staffdepartmentid=3 or staffmanagerid=3;

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

| staffid | staffname | staffEmail | Stafflocation | staffphoneno | staffdepartmentid | staffmanagerid | staffsalary |

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

| 1 | Ramya S | Ramya1234@gmail.com | Chennai | 88222867 | 3 | 2 | 10000 |

| 2 | vishali S | vishali1234@gmail.com | Chengalpet | 76456780 | 3 | 2 | 10000 |

| 3 | hemasri S | hemasri1234@gmail.com | chennai | 45589634 | 3 | 2 | 50000 |

| 5 | kajol S | kajol1234@gmail.com | chennai | 98654865 | 3 | 2 | 60000 |

| 6 | priya S | priya1234@gmail.com | chengalpet | 66375834 | 3 | 3 | 60000 |

| 7 | Vijaya A | vijaya1234@gmail.com | chengalpet | 25657869 | 4 | 3 | 100000 |

| 8 | selvakumar J | selvakumar1234@gmail.com | chennai | 45689476 | 4 | 3 | 100000 |

| 9 | kannan G | kannan1234@gmail.com | chennai | 45578796 | 4 | 3 | 80000 |

| 11 | Ramya S | Ramya1234@gmail.com | Chennai | 88222867 | 3 | 2 | 10000 |

| 12 | vishali S | vishali1234@gmail.com | Chengalpet | 76456780 | 3 | 2 | 10000 |

| 13 | hemasri S | hemasri1234@gmail.com | chennai | 45589634 | 3 | 2 | 50000 |

| 15 | kajol S | kajol1234@gmail.com | chennai | 98654865 | 3 | 2 | 60000 |

| 16 | priya S | priya1234@gmail.com | chengalpet | 66375834 | 3 | 3 | 60000 |

| 17 | Vijaya A | vijaya1234@gmail.com | chengalpet | 25657869 | 4 | 3 | 100000 |

| 18 | selvakumar J | selvakumar1234@gmail.com | chennai | 45689476 | 4 | 3 | 100000 |

| 19 | kannan G | kannan1234@gmail.com | chennai | 45578796 | 4 | 3 | 80000 |

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

16 rows in set (0.00 sec)

mysql> select\*from companystaffs where staffdepartmentid=3 and staffmanagerid=3;

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

| staffid | staffname | staffEmail | Stafflocation | staffphoneno | staffdepartmentid | staffmanagerid | staffsalary |

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

| 6 | priya S | priya1234@gmail.com | chengalpet | 66375834 | 3 | 3 | 60000 |

| 16 | priya S | priya1234@gmail.com | chengalpet | 66375834 | 3 | 3 | 60000 |

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

2 rows in set (0.00 sec)

mysql> select\*from companystaffs where (staffphoneno=66375834 and Stafflocation='Chengalpet')or(Stafflocation='Chengalpet');

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

| staffid | staffname | staffEmail | Stafflocation | staffphoneno | staffdepartmentid | staffmanagerid | staffsalary |

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

| 2 | vishali S | vishali1234@gmail.com | Chengalpet | 76456780 | 3 | 2 | 10000 |

| 6 | priya S | priya1234@gmail.com | chengalpet | 66375834 | 3 | 3 | 60000 |

| 7 | Vijaya A | vijaya1234@gmail.com | chengalpet | 25657869 | 4 | 3 | 100000 |

| 10 | Rajesh S | Rajesh1234@gmail.com | chengalpet | 36758937 | 4 | 4 | 80000 |

| 12 | vishali S | vishali1234@gmail.com | Chengalpet | 76456780 | 3 | 2 | 10000 |

| 16 | priya S | priya1234@gmail.com | chengalpet | 66375834 | 3 | 3 | 60000 |

| 17 | Vijaya A | vijaya1234@gmail.com | chengalpet | 25657869 | 4 | 3 | 100000 |

| 20 | Rajesh S | Rajesh1234@gmail.com | chengalpet | 36758937 | 4 | 4 | 80000 |

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

8 rows in set (0.00 sec)

mysql> select distinct Stafflocation from companystaffs;

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

| Stafflocation |

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

| Chennai |

| Chengalpet |

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

2 rows in set (0.06 sec)

mysql> select distinct staffname,Stafflocation from companystaffs;

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

| staffname | Stafflocation |

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

| Ramya S | Chennai |

| vishali S | Chengalpet |

| hemasri S | chennai |

| Rudhra M | chennai |

| kajol S | chennai |

| priya S | chengalpet |

| Vijaya A | chengalpet |

| selvakumar J | chennai |

| kannan G | chennai |

| Rajesh S | chengalpet |

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

10 rows in set (0.01 sec)

mysql> select\*from companystaffs where Stafflocation='Chengalpet' orderby staffname='vishali';

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'orderby staffname='vishali'' at line 1

mysql> select\*from companystaffs where Stafflocation='Chengalpet' orderby staffname;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'orderby staffname' at line 1

mysql> select\*from companystaffs where Stafflocation='Chengalpet' order by staffname;

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

| staffid | staffname | staffEmail | Stafflocation | staffphoneno | staffdepartmentid | staffmanagerid | staffsalary |

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

| 6 | priya S | priya1234@gmail.com | chengalpet | 66375834 | 3 | 3 | 60000 |

| 16 | priya S | priya1234@gmail.com | chengalpet | 66375834 | 3 | 3 | 60000 |

| 10 | Rajesh S | Rajesh1234@gmail.com | chengalpet | 36758937 | 4 | 4 | 80000 |

| 20 | Rajesh S | Rajesh1234@gmail.com | chengalpet | 36758937 | 4 | 4 | 80000 |

| 7 | Vijaya A | vijaya1234@gmail.com | chengalpet | 25657869 | 4 | 3 | 100000 |

| 17 | Vijaya A | vijaya1234@gmail.com | chengalpet | 25657869 | 4 | 3 | 100000 |

| 2 | vishali S | vishali1234@gmail.com | Chengalpet | 76456780 | 3 | 2 | 10000 |

| 12 | vishali S | vishali1234@gmail.com | Chengalpet | 76456780 | 3 | 2 | 10000 |

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

8 rows in set (0.04 sec)

mysql> select\*from companystaffs where Stafflocation='Chengalpet' order by staffsalary asc;

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

| staffid | staffname | staffEmail | Stafflocation | staffphoneno | staffdepartmentid | staffmanagerid | staffsalary |

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

| 2 | vishali S | vishali1234@gmail.com | Chengalpet | 76456780 | 3 | 2 | 10000 |

| 12 | vishali S | vishali1234@gmail.com | Chengalpet | 76456780 | 3 | 2 | 10000 |

| 6 | priya S | priya1234@gmail.com | chengalpet | 66375834 | 3 | 3 | 60000 |

| 16 | priya S | priya1234@gmail.com | chengalpet | 66375834 | 3 | 3 | 60000 |

| 10 | Rajesh S | Rajesh1234@gmail.com | chengalpet | 36758937 | 4 | 4 | 80000 |

| 20 | Rajesh S | Rajesh1234@gmail.com | chengalpet | 36758937 | 4 | 4 | 80000 |

| 7 | Vijaya A | vijaya1234@gmail.com | chengalpet | 25657869 | 4 | 3 | 100000 |

| 17 | Vijaya A | vijaya1234@gmail.com | chengalpet | 25657869 | 4 | 3 | 100000 |

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

8 rows in set (0.02 sec)

mysql> select\*from companystaffs where stafflocation='Chengalpet' order by staffname desc;

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

| staffid | staffname | staffEmail | Stafflocation | staffphoneno | staffdepartmentid | staffmanagerid | staffsalary |

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

| 2 | vishali S | vishali1234@gmail.com | Chengalpet | 76456780 | 3 | 2 | 10000 |

| 12 | vishali S | vishali1234@gmail.com | Chengalpet | 76456780 | 3 | 2 | 10000 |

| 7 | Vijaya A | vijaya1234@gmail.com | chengalpet | 25657869 | 4 | 3 | 100000 |

| 17 | Vijaya A | vijaya1234@gmail.com | chengalpet | 25657869 | 4 | 3 | 100000 |

| 10 | Rajesh S | Rajesh1234@gmail.com | chengalpet | 36758937 | 4 | 4 | 80000 |

| 20 | Rajesh S | Rajesh1234@gmail.com | chengalpet | 36758937 | 4 | 4 | 80000 |

| 6 | priya S | priya1234@gmail.com | chengalpet | 66375834 | 3 | 3 | 60000 |

| 16 | priya S | priya1234@gmail.com | chengalpet | 66375834 | 3 | 3 | 60000 |

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

8 rows in set (0.02 sec)

mysql> select staffname,Stafflocation from companystaffs where staffdepartmentid=3 where staffname asc,stafflocation desc;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'where staffname asc,stafflocation desc' at line 1

mysql> select staffname,Stafflocation from companystaffs where staffdepartmentid=3 order by staffname asc,stafflocation desc;

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

| staffname | Stafflocation |

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

| hemasri S | chennai |

| hemasri S | chennai |

| kajol S | chennai |

| kajol S | chennai |

| priya S | chengalpet |

| priya S | chengalpet |

| Ramya S | Chennai |

| Ramya S | Chennai |

| vishali S | Chengalpet |

| vishali S | Chengalpet |

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

10 rows in set (0.00 sec)

mysql> select staffname, count(\*) from companystaffs groupby Stafflocation;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'Stafflocation' at line 1

mysql> select staffname,count(\*) from companystaffs group by stafflocation;

ERROR 1055 (42000): Expression #1 of SELECT list is not in GROUP BY clause and contains nonaggregated column 'abccompany.companystaffs.staffname' which is not functionally dependent on columns in GROUP BY clause; this is incompatible with sql\_mode=only\_full\_group\_by

mysql> select staffname,count(\*) from companystaffs group by staffname;

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

| staffname | count(\*) |

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

| Ramya S | 2 |

| vishali S | 2 |

| hemasri S | 2 |

| Rudhra M | 2 |

| kajol S | 2 |

| priya S | 2 |

| Vijaya A | 2 |

| selvakumar J | 2 |

| kannan G | 2 |

| Rajesh S | 2 |

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

10 rows in set (0.06 sec)

mysql> select staffname,sum(staffsalary) as "Total salary" from companystaffs group by staffname;

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

| staffname | Total salary |

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

| Ramya S | 20000 |

| vishali S | 20000 |

| hemasri S | 100000 |

| Rudhra M | 100000 |

| kajol S | 120000 |

| priya S | 120000 |

| Vijaya A | 200000 |

| selvakumar J | 200000 |

| kannan G | 160000 |

| Rajesh S | 160000 |

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

10 rows in set (0.04 sec)

mysql> select staffname,min(staffsalary) as "minsalary" from companystaffs group by staffname;

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

| staffname | minsalary |

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

| Ramya S | 10000 |

| vishali S | 10000 |

| hemasri S | 50000 |

| Rudhra M | 50000 |

| kajol S | 60000 |

| priya S | 60000 |

| Vijaya A | 100000 |

| selvakumar J | 100000 |

| kannan G | 80000 |

| Rajesh S | 80000 |

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

10 rows in set (0.17 sec)

mysql> select staffname,max(staffsalary) as "maxsalary" from companystaffs group by staffname;

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

| staffname | maxsalary |

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

| Ramya S | 10000 |

| vishali S | 10000 |

| hemasri S | 50000 |

| Rudhra M | 50000 |

| kajol S | 60000 |

| priya S | 60000 |

| Vijaya A | 100000 |

| selvakumar J | 100000 |

| kannan G | 80000 |

| Rajesh S | 80000 |

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

10 rows in set (0.00 sec)

mysql> select sum(staffsalary),staffname from companystaff group by staffdepartmentid;

ERROR 1146 (42S02): Table 'abccompany.companystaff' doesn't exist

mysql> select sum(staffsalary),staffname from companystaffs group by staffdepartmentid;

ERROR 1055 (42000): Expression #2 of SELECT list is not in GROUP BY clause and contains nonaggregated column 'abccompany.companystaffs.staffname' which is not functionally dependent on columns in GROUP BY clause; this is incompatible with sql\_mode=only\_full\_group\_by

mysql>

mysql> select staffname,avg(staffsalary) as "average salay" from companystaffs group by staffname;

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

| staffname | average salay |

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

| Ramya S | 10000.0000 |

| vishali S | 10000.0000 |

| hemasri S | 50000.0000 |

| Rudhra M | 50000.0000 |

| kajol S | 60000.0000 |

| priya S | 60000.0000 |

| Vijaya A | 100000.0000 |

| selvakumar J | 100000.0000 |

| kannan G | 80000.0000 |

| Rajesh S | 80000.0000 |

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

10 rows in set (0.09 sec)

mysql> select staffname,sum(staffsalary) as "sum of salary" from companystaffs group by staffname having sum(staffsalary=100000);

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

| staffname | sum of salary |

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

| Vijaya A | 200000 |

| selvakumar J | 200000 |

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

2 rows in set (0.07 sec)

Screenshot of today class: