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

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

Your MySQL connection id is 9

Server version: 8.0.36 MySQL Community Server - GPL

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owners.

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

mysql> show tables;

ERROR 1046 (3D000): No database selected

mysql> show databases;

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

| Database |

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

| anp |

| information\_schema |

| mysql |

| performance\_schema |

| sakila |

| sys |

| world |

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

7 rows in set (0.71 sec)

mysql> use anp;

Database changed

mysql> show tables;

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

| Tables\_in\_anp |

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

| course |

| enrollment |

| feedback |

| instructor |

| score |

| student |

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

6 rows in set (0.32 sec)

mysql> desc Student;

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

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

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

| StudentId | int | NO | PRI | NULL | |

| FirstName | varchar(245) | NO | | NULL | |

| LastName | varchar(245) | NO | | NULL | |

| DateOfBirth | varchar(10) | YES | | NULL | |

| Gender | varchar(1) | YES | | NULL | |

| Gmail | varchar(245) | NO | | NULL | |

| PhoneNo | int | YES | | NULL | |

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

7 rows in set (2.46 sec)

mysql> select \* from instructor;

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

| InstructorId | FirstName | LastName | Email |

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

| I101 | Sunil | Rawat | sunil@example.com |

| I102 | Nida | Fatima | nida@example.com |

| I103 | Shiv | Kumar | shiv@example.com |

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

3 rows in set (0.07 sec)

mysql> select \* from Instructor where InstructorId='I103';

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

| InstructorId | FirstName | LastName | Email |

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

| I103 | Shiv | Kumar | shiv@example.com |

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

1 row in set (0.06 sec)

mysql> select \* from Instructor where InstructorId<'I103';

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

| InstructorId | FirstName | LastName | Email |

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

| I101 | Sunil | Rawat | sunil@example.com |

| I102 | Nida | Fatima | nida@example.com |

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

2 rows in set (0.08 sec)

mysql> select \* from Instructor where InstructorId<='I103';

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

| InstructorId | FirstName | LastName | Email |

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

| I101 | Sunil | Rawat | sunil@example.com |

| I102 | Nida | Fatima | nida@example.com |

| I103 | Shiv | Kumar | shiv@example.com |

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

3 rows in set (0.00 sec)

mysql> select \* from Instructor where InstructorId>='I103';

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

| InstructorId | FirstName | LastName | Email |

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

| I103 | Shiv | Kumar | shiv@example.com |

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

1 row in set (0.00 sec)

mysql> select \* from Student where FirstName='Jaya' and StudentId=102;

Empty set (0.20 sec)

mysql> select \* from Student where FirstName='Jaya' and StudentId=101;

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

| StudentId | FirstName | LastName | DateOfBirth | Gender | Gmail | PhoneNo |

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

| 101 | Jaya | Mergu | 05-06-2003 | F | mergujaya@gmail.com | 1234567891 |

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

1 row in set (0.00 sec)

mysql> select \* from Student where FirstName='Jaya' or StudentId=102;

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

| StudentId | FirstName | LastName | DateOfBirth | Gender | Gmail | PhoneNo |

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

| 101 | Jaya | Mergu | 05-06-2003 | F | mergujaya@gmail.com | 1234567891 |

| 102 | Pranali | Sandupatla | 23-04-2001 | F | pranalisandupatla@gmail.com | 1234567892 |

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

2 rows in set (0.06 sec)

mysql> select \* from instructor;

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

| InstructorId | FirstName | LastName | Email |

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

| I101 | Sunil | Rawat | sunil@example.com |

| I102 | Nida | Fatima | nida@example.com |

| I103 | Shiv | Kumar | shiv@example.com |

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

3 rows in set (0.03 sec)

mysql> select \* from Instructor where Firstname like s%;

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 '%' at line 1

mysql> select \* from Instructor where FirstName like s%;

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 '%' at line 1

mysql> select \* from Instructor where FirstName like S%;

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 '%' at line 1

mysql> select \* from instructor;

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

| InstructorId | FirstName | LastName | Email |

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

| I101 | Sunil | Rawat | sunil@example.com |

| I102 | Nida | Fatima | nida@example.com |

| I103 | Shiv | Kumar | shiv@example.com |

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

3 rows in set (0.00 sec)

mysql> select \* from instructor where FirstName like S%;

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 '%' at line 1

mysql> SELECT \* FROM instructor WHERE FirstName LIKE 'S%';

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

| InstructorId | FirstName | LastName | Email |

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

| I101 | Sunil | Rawat | sunil@example.com |

| I103 | Shiv | Kumar | shiv@example.com |

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

2 rows in set (0.07 sec)

mysql> SELECT \* FROM instructor WHERE FirstName LIKE '%a';

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

| InstructorId | FirstName | LastName | Email |

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

| I102 | Nida | Fatima | nida@example.com |

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

1 row in set (0.00 sec)

mysql> SELECT \* FROM instructor WHERE FirstName LIKE 'S%a';

Empty set (0.00 sec)

mysql> SELECT \* FROM instructor WHERE FirstName LIKE 'N%a';

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

| InstructorId | FirstName | LastName | Email |

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

| I102 | Nida | Fatima | nida@example.com |

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

1 row in set (0.00 sec)

mysql> SELECT \* FROM instructor WHERE FirstName LIKE '%i%';

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

| InstructorId | FirstName | LastName | Email |

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

| I101 | Sunil | Rawat | sunil@example.com |

| I102 | Nida | Fatima | nida@example.com |

| I103 | Shiv | Kumar | shiv@example.com |

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

3 rows in set (0.00 sec)

mysql> SELECT \* FROM instructor WHERE LastName LIKE '%m%';

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

| InstructorId | FirstName | LastName | Email |

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

| I102 | Nida | Fatima | nida@example.com |

| I103 | Shiv | Kumar | shiv@example.com |

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

2 rows in set (0.00 sec)

mysql> SELECT \* FROM instructor WHERE FirstName LIKE '\_i';

Empty set (0.07 sec)

mysql> SELECT \* FROM instructor WHERE FirstName LIKE -i';

'> ;

'> ';

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 '';

;

'' at line 1

mysql> SELECT \* FROM instructor WHERE FirstName LIKE '\_i';

Empty set (0.00 sec)

mysql> SELECT \* FROM instructor WHERE FirstName LIKE '\_i%';

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

| InstructorId | FirstName | LastName | Email |

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

| I102 | Nida | Fatima | nida@example.com |

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

1 row in set (0.00 sec)

mysql> select \* from Student where FirstName like 'J\_\_a';

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

| StudentId | FirstName | LastName | DateOfBirth | Gender | Gmail | PhoneNo |

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

| 101 | Jaya | Mergu | 05-06-2003 | F | mergujaya@gmail.com | 1234567891 |

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

1 row in set (0.00 sec)

mysql> select \* from Student where FirstName like 'J\_\_\_';

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

| StudentId | FirstName | LastName | DateOfBirth | Gender | Gmail | PhoneNo |

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

| 101 | Jaya | Mergu | 05-06-2003 | F | mergujaya@gmail.com | 1234567891 |

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

1 row in set (0.00 sec)

mysql> create table demo (id varchar(5) primary key,name varchar(50) not null , age int);

Query OK, 0 rows affected (2.79 sec)

mysql> insert into values('D1','SAI',45),('D2','RAM',78),('D3','HAR',46);

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 'values('D1','SAI',45),('D2','RAM',78),('D3','HAR',46)' at line 1

mysql> insert into demo values('D1','SAI',45),('D2','RAM',78),('D3','HAR',46);

Query OK, 3 rows affected (0.15 sec)

Records: 3 Duplicates: 0 Warnings: 0

mysql> delete from demo where id='D1';

Query OK, 1 row affected (0.12 sec)

mysql> select \* from demo;

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

| id | name | age |

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

| D2 | RAM | 78 |

| D3 | HAR | 46 |

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

2 rows in set (0.00 sec)

mysql> delete from demo;

Query OK, 2 rows affected (0.09 sec)

mysql> select \* from demo;

Empty set (0.00 sec)

mysql> truncate table demo;

Query OK, 0 rows affected (1.43 sec)

mysql>

mysql> select \* from demo;

Empty set (0.05 sec)

mysql> show tables;

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

| Tables\_in\_anp |

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

| course |

| demo |

| enrollment |

| feedback |

| instructor |

| score |

| student |

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

7 rows in set (1.77 sec)

mysql> create table emp(emp id int, name varchar(50));

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 'id int, name varchar(50))' at line 1

mysql> create table emp(emp id int,name varchar(50));

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 'id int,name varchar(50))' at line 1

mysql> create table emp(emp id integer,name varchar(50));

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 'id integer,name varchar(50))' at line 1

mysql> create table emp(id integer,name varchar(50));

Query OK, 0 rows affected (7.10 sec)

mysql> insert into emp values(1,'jaya'),(2,'rohit'),(3,'fatima');

Query OK, 3 rows affected (0.53 sec)

Records: 3 Duplicates: 0 Warnings: 0

mysql> select id from emp group by name having like '%a';

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 'like '%a'' at line 1

mysql> select count(id) from emp group by name;

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

| count(id) |

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

| 1 |

| 1 |

| 1 |

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

3 rows in set (0.12 sec)

mysql> alter table emp add age not null;

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 'not null' at line 1

mysql> alter table emp add colume age not null;

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 'age not null' at line 1

mysql> insert into emp values(4,'jaya'),(5,'rohit'),(6,'fatima');

Query OK, 3 rows affected (0.15 sec)

Records: 3 Duplicates: 0 Warnings: 0

mysql> select \* from emp;

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

| id | name |

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

| 1 | jaya |

| 2 | rohit |

| 3 | fatima |

| 4 | jaya |

| 5 | rohit |

| 6 | fatima |

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

6 rows in set (0.00 sec)

mysql> select id from emp group by name;

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

mysql> select count(id) from emp group by name;

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

| count(id) |

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

| 2 |

| 2 |

| 2 |

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

3 rows in set (0.03 sec)

mysql> select count(id),name from emp group by name having (id>=2);

ERROR 1054 (42S22): Unknown column 'id' in 'having clause'

mysql> select count(id),name from emp group by name having (name like '%a');

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

| count(id) | name |

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

| 2 | jaya |

| 2 | fatima |

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

2 rows in set (0.06 sec)

mysql> select \* from Student;

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

| StudentId | FirstName | LastName | DateOfBirth | Gender | Gmail | PhoneNo |

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

| 101 | Jaya | Mergu | 05-06-2003 | F | mergujaya@gmail.com | 1234567891 |

| 102 | Pranali | Sandupatla | 23-04-2001 | F | pranalisandupatla@gmail.com | 1234567892 |

| 103 | Nandini | Saka | 23-04-2003 | F | nandini@gmail.com | 1234567893 |

| 104 | Akki | Mamdyal | 21-04-2003 | F | mamdyal@gmail.com | 1234567894 |

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

4 rows in set (1.40 sec)

mysql> select \* from Student where id between(101,102);

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 '' at line 1

mysql> select \* from Student where StudentId between(101,102);

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 '' at line 1

mysql> select \* from Student where StudentId between 101 and 102;

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

| StudentId | FirstName | LastName | DateOfBirth | Gender | Gmail | PhoneNo |

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

| 101 | Jaya | Mergu | 05-06-2003 | F | mergujaya@gmail.com | 1234567891 |

| 102 | Pranali | Sandupatla | 23-04-2001 | F | pranalisandupatla@gmail.com | 1234567892 |

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

2 rows in set (0.27 sec)

mysql> select \* from Student where StudentId not between 101 and 102;

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

| StudentId | FirstName | LastName | DateOfBirth | Gender | Gmail | PhoneNo |

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

| 103 | Nandini | Saka | 23-04-2003 | F | nandini@gmail.com | 1234567893 |

| 104 | Akki | Mamdyal | 21-04-2003 | F | mamdyal@gmail.com | 1234567894 |

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

2 rows in set (0.00 sec)

mysql> select \* from Student where StudentId in(101,102);

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

| StudentId | FirstName | LastName | DateOfBirth | Gender | Gmail | PhoneNo |

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

| 101 | Jaya | Mergu | 05-06-2003 | F | mergujaya@gmail.com | 1234567891 |

| 102 | Pranali | Sandupatla | 23-04-2001 | F | pranalisandupatla@gmail.com | 1234567892 |

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

2 rows in set (0.00 sec)

mysql> select \* from Student where StudentId not in(101,102);

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

| StudentId | FirstName | LastName | DateOfBirth | Gender | Gmail | PhoneNo |

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

| 103 | Nandini | Saka | 23-04-2003 | F | nandini@gmail.com | 1234567893 |

| 104 | Akki | Mamdyal | 21-04-2003 | F | mamdyal@gmail.com | 1234567894 |

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

2 rows in set (0.07 sec)

mysql>