(By Sunitha Mekala)

```
mysql> show databases;
+--------------------+
| Database           |
+--------------------+
| information_schema |
| mydb               |
| mysql              |
| nit                |
| performance_schema |
| sakila             |
| sys                |
| world              |
+--------------------+
8 rows in set (0.01 sec)

mysql> use nit;
Database changed
mysql> select 10 + 20;
+---------+
| 10 + 20 |
+---------+
|      30 |
+---------+
1 row in set (0.00 sec)

mysql> select 10 * 20;
+---------+
| 10 * 20 |
+---------+
|     200 |
+---------+
1 row in set (0.00 sec)

mysql> select 10 / 5;
+--------+
| 10 / 5 |
+--------+
| 2.0000 |
+--------+
1 row in set (0.00 sec)

mysql> select 12 % 5;
+--------+
| 12 % 5 |
+--------+
|      2 |
+--------+
1 row in set (0.00 sec)

mysql> select 10 - 20;
+---------+
| 10 - 20 |
+---------+
|     -10 |
+---------+
1 row in set (0.01 sec)

mysql> select * from customers;
+----+----------+-----+-----------+----------+
| ID | NAME     | age | ADDRESS   | salary   |
+----+----------+-----+-----------+----------+
|  1 | Ramesh   |  32 | Ahmedabad |  2000.00 |
|  2 | Khilan   |  25 | Delhi     |  1500.00 |
|  3 | kaushik  |  23 | Kota      |  2000.00 |
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|  4 | Chaitali  |  25 | Mumbai     |  6500.00 |
|  5 | Hardik    |  27 | Bhopal     |  8500.00 |
|  6 | Komal     |  22 | MP         |  4500.00 |
|  7 | Muffy     |  24 | Indore     | 10000.00 |
|  8 | Bob       |  40 | Hyd        |  8000.00 |
+----+-----------+-----+-----------+----------+
8 rows in set (0.00 sec)

mysql> delete name from customers where id = 8;
ERROR 1109 (42S02): Unknown table 'name' in MULTI DELETE
mysql> delete from customers where id = 8;
Query OK, 1 row affected (0.02 sec)

mysql> select * from customers;
+----+-----------+-----+-----------+----------+
| ID | NAME      | age | ADDRESS   | salary   |
+----+-----------+-----+-----------+----------+
|  1 | Ramesh    |  32 | Ahmedabad |  2000.00 |
|  2 | Khilan    |  25 | Delhi     |  1500.00 |
|  3 | kaushik   |  23 | Kota      |  2000.00 |
|  4 | Chaitali  |  25 | Mumbai    |  6500.00 |
|  5 | Hardik    |  27 | Bhopal    |  8500.00 |
|  6 | Komal     |  22 | MP        |  4500.00 |
|  7 | Muffy     |  24 | Indore    | 10000.00 |
+----+-----------+-----+-----------+----------+
7 rows in set (0.00 sec)

mysql> select * from customers where salary > 5000;
+----+-----------+-----+---------+----------+
| ID | NAME      | age | ADDRESS | salary   |
+----+-----------+-----+---------+----------+
|  4 | Chaitali  |  25 | Mumbai  |  6500.00 |
|  5 | Hardik    |  27 | Bhopal  |  8500.00 |
|  7 | Muffy     |  24 | Indore  | 10000.00 |
+----+-----------+-----+---------+----------+
3 rows in set (0.00 sec)

mysql> select * from customers where salary  = 2000;
+----+---------+-----+-----------+---------+
| ID | NAME    | age | ADDRESS   | salary  |
+----+---------+-----+-----------+---------+
|  1 | Ramesh  |  32 | Ahmedabad | 2000.00 |
|  3 | kaushik |  23 | Kota      | 2000.00 |
+----+---------+-----+-----------+---------+
2 rows in set (0.00 sec)

mysql> select * from customers where salary  != 2000;
+----+-----------+-----+---------+----------+
| ID | NAME      | age | ADDRESS | salary   |
+----+-----------+-----+---------+----------+
|  2 | Khilan    |  25 | Delhi   |  1500.00 |
|  4 | Chaitali  |  25 | Mumbai  |  6500.00 |
|  5 | Hardik    |  27 | Bhopal  |  8500.00 |
|  6 | Komal     |  22 | MP      |  4500.00 |
|  7 | Muffy     |  24 | Indore  | 10000.00 |
+----+-----------+-----+---------+----------+
5 rows in set (0.00 sec)

mysql> select * from customers where salary <> 2000;
+----+-----------+-----+---------+----------+
| ID | NAME      | age | ADDRESS | salary   |
+----+-----------+-----+---------+----------+
|  2 | Khilan    |  25 | Delhi   |  1500.00 |
|  4 | Chaitali  |  25 | Mumbai  |  6500.00 |
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|  5 | Hardik   |  27 | Bhopal   |  8500.00 |
|  6 | Komal    |  22 | MP       |  4500.00 |
|  7 | Muffy    |  24 | Indore   | 10000.00 |
+----+----------+-----+----------+----------+
5 rows in set (0.00 sec)

mysql> select * from customers where salary >= 6500;
+----+----------+-----+----------+----------+
| ID | NAME     | age | ADDRESS  | salary   |
+----+----------+-----+----------+----------+
|  4 | Chaitali |  25 | Mumbai   |  6500.00 |
|  5 | Hardik   |  27 | Bhopal   |  8500.00 |
|  7 | Muffy    |  24 | Indore   | 10000.00 |
+----+----------+-----+----------+----------+
3 rows in set (0.00 sec)

mysql> select * from customers;
+----+----------+-----+-----------+----------+
| ID | NAME     | age | ADDRESS   | salary   |
+----+----------+-----+-----------+----------+
|  1 | Ramesh   |  32 | Ahmedabad |  2000.00 |
|  2 | Khilan   |  25 | Delhi     |  1500.00 |
|  3 | kaushik  |  23 | Kota      |  2000.00 |
|  4 | Chaitali |  25 | Mumbai    |  6500.00 |
|  5 | Hardik   |  27 | Bhopal    |  8500.00 |
|  6 | Komal    |  22 | MP        |  4500.00 |
|  7 | Muffy    |  24 | Indore    | 10000.00 |
+----+----------+-----+-----------+----------+
7 rows in set (0.00 sec)

mysql> select * from customers where age >= 25 and salary >= 6500;
+----+----------+-----+----------+---------+
| ID | NAME     | age | ADDRESS  | salary  |
+----+----------+-----+----------+---------+
|  4 | Chaitali |  25 | Mumbai   | 6500.00 |
|  5 | Hardik   |  27 | Bhopal   | 8500.00 |
+----+----------+-----+----------+---------+
2 rows in set (0.00 sec)

mysql> select * from customers where age >= 25 or salary >= 6500;
+----+----------+-----+-----------+----------+
| ID | NAME     | age | ADDRESS   | salary   |
+----+----------+-----+-----------+----------+
|  1 | Ramesh   |  32 | Ahmedabad |  2000.00 |
|  2 | Khilan   |  25 | Delhi     |  1500.00 |
|  4 | Chaitali |  25 | Mumbai    |  6500.00 |
|  5 | Hardik   |  27 | Bhopal    |  8500.00 |
|  7 | Muffy    |  24 | Indore    | 10000.00 |
+----+----------+-----+-----------+----------+
5 rows in set (0.00 sec)

mysql> select * from customers where age is not null;
+----+----------+-----+-----------+----------+
| ID | NAME     | age | ADDRESS   | salary   |
+----+----------+-----+-----------+----------+
|  1 | Ramesh   |  32 | Ahmedabad |  2000.00 |
|  2 | Khilan   |  25 | Delhi     |  1500.00 |
|  3 | kaushik  |  23 | Kota      |  2000.00 |
|  4 | Chaitali |  25 | Mumbai    |  6500.00 |
|  5 | Hardik   |  27 | Bhopal    |  8500.00 |
|  6 | Komal    |  22 | MP        |  4500.00 |
|  7 | Muffy    |  24 | Indore    | 10000.00 |
+----+----------+-----+-----------+----------+
7 rows in set (0.00 sec)
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```
mysql> select * from customers where name like 'Ko%';
+----+-------+-----+---------+---------+
| ID | NAME  | age | ADDRESS | salary  |
+----+-------+-----+---------+---------+
|  6 | Komal |  22 | MP      | 4500.00 |
+----+-------+-----+---------+---------+
1 row in set (0.00 sec)

mysql> select * from customers where name like '%y';
+----+-------+-----+---------+----------+
| ID | NAME  | age | ADDRESS | salary   |
+----+-------+-----+---------+----------+
|  7 | Muffy |  24 | Indore  | 10000.00 |
+----+-------+-----+---------+----------+
1 row in set (0.00 sec)

mysql> select * from customers where age in (25, 27);
+----+----------+-----+---------+---------+
| ID | NAME     | age | ADDRESS | salary  |
+----+----------+-----+---------+---------+
|  2 | Khilan   |  25 | Delhi   | 1500.00 |
|  4 | Chaitali |  25 | Mumbai  | 6500.00 |
|  5 | Hardik   |  27 | Bhopal  | 8500.00 |
+----+----------+-----+---------+---------+
3 rows in set (0.00 sec)

mysql> select * from customers where age between 25 and 27;
+----+----------+-----+---------+---------+
| ID | NAME     | age | ADDRESS | salary  |
+----+----------+-----+---------+---------+
|  2 | Khilan   |  25 | Delhi   | 1500.00 |
|  4 | Chaitali |  25 | Mumbai  | 6500.00 |
|  5 | Hardik   |  27 | Bhopal  | 8500.00 |
+----+----------+-----+---------+---------+
3 rows in set (0.00 sec)

mysql> select age from customers
    -> where exists (select age from customers where salary > 6500);
+-----+
| age |
+-----+
|  32 |
|  25 |
|  23 |
|  25 |
|  27 |
|  22 |
|  24 |
+-----+
7 rows in set (0.00 sec)

mysql> select age from customers
    -> where salary > 6500;
+-----+
| age |
+-----+
|  27 |
|  24 |
+-----+
2 rows in set (0.00 sec)

mysql> select * from customers
    -> where age > ALL (select age from customers where salary > 6500);
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+----+--------+-----+-----------+---------+
| ID | NAME   | age | ADDRESS   | salary  |
+----+--------+-----+-----------+---------+
|  1 | Ramesh |  32 | Ahmedabad | 2000.00 |
+----+--------+-----+-----------+---------+
1 row in set (0.00 sec)

mysql> select * from customers
    -> where age > ANY (select age from customers where salary > 6500);
+----+----------+-----+-----------+---------+
| ID | NAME     | age | ADDRESS   | salary  |
+----+----------+-----+-----------+---------+
|  1 | Ramesh   |  32 | Ahmedabad | 2000.00 |
|  2 | Khilan   |  25 | Delhi     | 1500.00 |
|  4 | Chaitali |  25 | Mumbai    | 6500.00 |
|  5 | Hardik   |  27 | Bhopal    | 8500.00 |
+----+----------+-----+-----------+---------+
4 rows in set (0.00 sec)

mysql>
```