create table customer(customer\_id int,customer\_name varchar(20),contact\_name varchar(20),address varchar(20),city varchar(20),postalcode int,country varchar(20));

INSERT INTO table\_name (column1, column2, column3, ...)  
VALUES (value1, value2, value3, ...);

INSERT INTO table\_name \*  
VALUES (value1, value2, value3, ...);

INSERT INTO customer VALUES (1001, “sumit”, “arode”, “navathe Amravati”,”amravati”,444604,”india”);

INSERT INTO customer VALUES (1003, “ABHIJEET” , “rAJ Amravati”,444604);

INSERT INTO customer(customer\_id, customer\_name, address, postalcode) VALUES (1003, “ABHIJEET” , “rAJ Amravati”,444604);

SELECT column1, column2, ...  
FROM table\_name;

SELECT customer\_id, address FROM customer;

SELECT DISTINCT column1, column2, ...  
FROM table\_name;

SELECT DISTINCT customer\_id, customer\_name FROM customer;

SELECT column1, column2, ...  
FROM table\_name  
WHERE condition;

SELECT \* FROM customer WHERE customer\_id=1001;

UPDATE customer SET city = “Nagpur” WHERE customer\_id=1003;

DELETE FROM customer  WHERE customer\_name=”mit”;

Enter password: \*\*\*\*

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

Your MySQL connection id is 10

Server version: 8.0.29 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 databases;

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

| Database |

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

| ai |

| aii |

| amazon |

| college |

| flipkart |

| htg |

| information\_schema |

| mysql |

| performance\_schema |

| rammegecollege |

| sakila |

| sys |

| university |

| world |

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

14 rows in set (0.12 sec)

mysql> use rammeghe;

ERROR 1049 (42000): Unknown database 'rammeghe'

mysql> use rammegecollege;

Database changed

mysql> show tables;

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

| Tables\_in\_rammegecollege |

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

| employee |

| student |

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

2 rows in set (0.03 sec)

mysql> desc employee;

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

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

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

| emp\_id | int | YES | | NULL | |

| fname | varchar(20) | YES | | NULL | |

| lname | varchar(15) | YES | | NULL | |

| salary | int | YES | | NULL | |

| address | varchar(20) | YES | | NULL | |

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

5 rows in set (0.02 sec)

mysql> select \* from employee;

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

| emp\_id | fname | lname | salary | address |

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

| 1001 | harish | gwalani | 50000 | amravati |

| 1002 | sagar | parmar | 57000 | amravati |

| 1003 | suraj | bhalekar | 80000 | amravati |

| 1001 | harish | gwalani | 50000 | amravati |

| 1001 | harish | gwalani | 50000 | amravati |

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

5 rows in set (0.00 sec)

mysql>

mysql> create table customer(customer\_id int,customer\_name varchar(20),contact\_name varchar(20),address varchar(20),city varchar(20),postalcode int,country varchar(20));

Query OK, 0 rows affected (0.17 sec)

mysql> show tables;

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

| Tables\_in\_rammegecollege |

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

| customer |

| employee |

| student |

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

3 rows in set (0.00 sec)

mysql> desc customer;

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

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

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

| customer\_id | int | YES | | NULL | |

| customer\_name | varchar(20) | YES | | NULL | |

| contact\_name | varchar(20) | YES | | NULL | |

| address | varchar(20) | YES | | NULL | |

| city | varchar(20) | YES | | NULL | |

| postalcode | int | YES | | NULL | |

| country | varchar(20) | YES | | NULL | |

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

7 rows in set (0.00 sec)

mysql> INSERT INTO customer VALUES (1001, "sumit", "arode", "navathe Amravati","amravati",444604,"india");

Query OK, 1 row affected (0.02 sec)

mysql> select \* from custmer;

ERROR 1146 (42S02): Table 'rammegecollege.custmer' doesn't exist

mysql> select \* from customer;

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

| customer\_id | customer\_name | contact\_name | address | city | postalcode | country |

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

| 1001 | sumit | arode | navathe Amravati | amravati | 444604 | india |

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

1 row in set (0.00 sec)

mysql> INSERT INTO customer VALUES (10002, "mit", "arora", "athe Amravati","amravati",444604,"india");

Query OK, 1 row affected (0.01 sec)

mysql> select \* from customer;

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

| customer\_id | customer\_name | contact\_name | address | city | postalcode | country |

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

| 1001 | sumit | arode | navathe Amravati | amravati | 444604 | india |

| 10002 | mit | arora | athe Amravati | amravati | 444604 | india |

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

2 rows in set (0.00 sec)

mysql> INSERT INTO customer VALUES (1003, "ABHIJEET" , "rAJ Amravati",444604);

ERROR 1136 (21S01): Column count doesn't match value count at row 1

mysql> INSERT INTO customer VALUES (1003, "ABHIJEET" , "rAJ Amravati",444604);

ERROR 1136 (21S01): Column count doesn't match value count at row 1

mysql> INSERT INTO customer(customer\_id, customer\_name, address, postalcode) VALUES (1003, "ABHIJEET" , "rAJ Amravati",444604);

Query OK, 1 row affected (0.01 sec)

mysql> select \* from customer;

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

| customer\_id | customer\_name | contact\_name | address | city | postalcode | country |

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

| 1001 | sumit | arode | navathe Amravati | amravati | 444604 | india |

| 10002 | mit | arora | athe Amravati | amravati | 444604 | india |

| 1003 | ABHIJEET | NULL | rAJ Amravati | NULL | 444604 | NULL |

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

3 rows in set (0.00 sec)

mysql> SELECT customer\_id, address FROM customer;

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

| customer\_id | address |

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

| 1001 | navathe Amravati |

| 10002 | athe Amravati |

| 1003 | rAJ Amravati |

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

3 rows in set (0.00 sec)

mysql> INSERT INTO customer VALUES (10002, "mit", "arora", "athe Amravati","amravati",444604,"india");

Query OK, 1 row affected (0.00 sec)

mysql> select \* from customer;

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

| customer\_id | customer\_name | contact\_name | address | city | postalcode | country |

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

| 1001 | sumit | arode | navathe Amravati | amravati | 444604 | india |

| 10002 | mit | arora | athe Amravati | amravati | 444604 | india |

| 1003 | ABHIJEET | NULL | rAJ Amravati | NULL | 444604 | NULL |

| 10002 | mit | arora | athe Amravati | amravati | 444604 | india |

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

4 rows in set (0.00 sec)

mysql> SELECT DISTINCT customer\_id FROM customer;

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

| customer\_id |

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

| 1001 |

| 10002 |

| 1003 |

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

3 rows in set (0.00 sec)

mysql> SELECT DISTINCT customer\_id, customer\_name FROM customer;

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

| customer\_id | customer\_name |

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

| 1001 | sumit |

| 10002 | mit |

| 1003 | ABHIJEET |

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

3 rows in set (0.00 sec)

mysql> SELECT DISTINCT \* FROM customer;

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

| customer\_id | customer\_name | contact\_name | address | city | postalcode | country |

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

| 1001 | sumit | arode | navathe Amravati | amravati | 444604 | india |

| 10002 | mit | arora | athe Amravati | amravati | 444604 | india |

| 1003 | ABHIJEET | NULL | rAJ Amravati | NULL | 444604 | NULL |

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

3 rows in set (0.00 sec)

mysql> SELECT \* FROM customer WHERE customer\_id=1001;

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

| customer\_id | customer\_name | contact\_name | address | city | postalcode | country |

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

| 1001 | sumit | arode | navathe Amravati | amravati | 444604 | india |

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

1 row in set (0.00 sec)

mysql> SELECT customer\_id FROM customer WHERE customer\_id=1001;

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

| customer\_id |

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

| 1001 |

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

1 row in set (0.00 sec)

mysql> SELECT customer\_name FROM customer WHERE customer\_id=1001;

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

| customer\_name |

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

| sumit |

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

1 row in set (0.00 sec)

mysql> UPDATE customer SET city = "Nagpur" WHERE customer\_id=1003;

Query OK, 1 row affected (0.01 sec)

Rows matched: 1 Changed: 1 Warnings: 0

mysql> select \* from customer;

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

| customer\_id | customer\_name | contact\_name | address | city | postalcode | country |

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

| 1001 | sumit | arode | navathe Amravati | amravati | 444604 | india |

| 10002 | mit | arora | athe Amravati | amravati | 444604 | india |

| 1003 | ABHIJEET | NULL | rAJ Amravati | Nagpur | 444604 | NULL |

| 10002 | mit | arora | athe Amravati | amravati | 444604 | india |

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

4 rows in set (0.00 sec)

mysql> DELETE FROM customer WHERE customer\_name="mit";

Query OK, 2 rows affected (0.01 sec)

mysql> select \* from customer;

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

| customer\_id | customer\_name | contact\_name | address | city | postalcode | country |

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

| 1001 | sumit | arode | navathe Amravati | amravati | 444604 | india |

| 1003 | ABHIJEET | NULL | rAJ Amravati | Nagpur | 444604 | NULL |

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

2 rows in set (0.00 sec)

mysql> DROP TABLE ;

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> show tables;

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

| Tables\_in\_rammegecollege |

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

| customer |

| employee |

| student |

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

3 rows in set (0.00 sec)

mysql> desc student;

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

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

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

| student\_id | int | YES | | NULL | |

| student\_name | varchar(20) | YES | | NULL | |

| student\_department | varchar(20) | YES | | NULL | |

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

3 rows in set (0.01 sec)

mysql> select \* from student;

Empty set (0.01 sec)

mysql> DROP TABLE student;

Query OK, 0 rows affected (0.05 sec)

mysql> show tables;

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

| Tables\_in\_rammegecollege |

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

| customer |

| employee |

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

2 rows in set (0.00 sec)

mysql>