**23/07/2024**

create database emp;

Query OK, 1 row affected (0.01 sec)

mysql> use emp;

Database changed

mysql> create table employee(eid int,ename varchar(255),salary int,dessignation varchar(255),city varchar(255),email varchar(255),date\_of\_joining int,date int,phoneno int);

Query OK, 0 rows affected (0.04 sec)

mysql> desc employee;

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

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

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

| eid | int | YES | | NULL | |

| ename | varchar(255) | YES | | NULL | |

| salary | int | YES | | NULL | |

| dessignation | varchar(255) | YES | | NULL | |

| city | varchar(255) | YES | | NULL | |

| email | varchar(255) | YES | | NULL | |

| date\_of\_joining | int | YES | | NULL | |

| date | int | YES | | NULL | |

| phoneno | int | YES | | NULL | |

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

9 rows in set (0.01 sec)

mysql> insert into employee values(101,'vidhi jagadale',50000,'software developer','pune','vidhi@123',12/8/1996,1998,1234567890);

Query OK, 1 row affected (0.01 sec)

mysql> insert into employee values(102,'pranita jagadale',90000,'software engineer','satara','pra@123',12/09/1976,2014,1234512345);

Query OK, 1 row affected (0.01 sec)

mysql> insert into employee values(103,'sonal shinde',78000,'database adminstrarion','thane','sonal@123',24/8/1996,1998,1234567890);

Query OK, 1 row affected (0.01 sec)

mysql> insert into employee values(104,'radha more',80000,'ux developer','sangli','radha@123',12/8/2014,1798,0987667890);

Query OK, 1 row affected (0.01 sec)

mysql> insert into employee values(105,'sonali pol',70000,'project manager',

'kolaphour','so@12345',22/12/1996,1998,1234567890);

Query OK, 1 row affected (0.01 sec)

mysql> select \* from employee;

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

| eid | ename | salary | dessignation | city | email | date\_of\_joining | date | phoneno |

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

| 101 | vidhi jagadale | 50000 | software developer | pune | vidhi@123 | 0 | 1998 | 1234567890 |

| 102 | pranita jagadale | 90000 | software engineer | satara | pra@123 | 0 | 2014 | 1234512345 |

| 103 | sonal shinde | 78000 | database adminstrarion | thane | sonal@123 | 0 | 1998 | 1234567890 |

| 104 | radha more | 80000 | ux developer | sangli | radha@123 | 0 | 1798 | 987667890 |

| 105 | sonali pol | 70000 | project manager | kolaphour | so@12345 | 0 | 1998 | 1234567890 |

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

5 rows in set (0.00 sec)

mysql> select\*

-> from employee

-> where salary>=90000 and dessignation='software engineer';

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

| eid | ename | salary | dessignation | city | email | date\_of\_joining | date | phoneno |

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

| 102 | pranita jagadale | 90000 | software engineer | satara | pra@123 | 0 | 2014 | 1234512345 |

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

1 row in set (0.00 sec)

mysql> select\*

-> from employee

-> where salary>=65000 or dessignation='software engineer';

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

| eid | ename | salary | dessignation | city | email | date\_of\_joining | date | phoneno |

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

| 102 | pranita jagadale | 90000 | software engineer | satara | pra@123 | 0 | 2014 | 1234512345 |

| 103 | sonal shinde | 78000 | database adminstrarion | thane | sonal@123 | 0 | 1998 | 1234567890 |

| 104 | radha more | 80000 | ux developer | sangli | radha@123 | 0 | 1798 | 987667890 |

| 105 | sonali pol | 70000 | project manager | kolaphour | so@12345 | 0 | 1998 | 1234567890 |

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

4 rows in set (0.00 sec)

mysql> select distinct city

-> from employee;

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

| city |

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

| pune |

| satara |

| thane |

| sangli |

| kolaphour |

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

5 rows in set (0.01 sec)

mysql> select distinct date

-> from employee

-> where eid>=101;

+------+

| date |

+------+

| 1998 |

| 2014 |

| 1798 |

+------+

3 rows in set (0.00 sec)

mysql> select distinct city

-> from employee

-> where eid>=102 and city='satara';

+--------+

| city |

+--------+

| satara |

+--------+

1 row in set (0.01 sec)

mysql> select ename,salary

-> from employee

-> where eid between 101 and 103;

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

| ename | salary |

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

| vidhi jagadale | 50000 |

| pranita jagadale | 90000 |

| sonal shinde | 78000 |

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

3 rows in set (0.00 sec)

mysql> select\*

-> from employee

-> where eid>=101 and eid<=104;

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

| eid | ename | salary | dessignation | city | email | date\_of\_joining | date | phoneno |

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

| 101 | vidhi jagadale | 50000 | software developer | pune | vidhi@123 | 0 | 1998 | 1234567890 |

| 102 | pranita jagadale | 90000 | software engineer | satara | pra@123 | 0 | 2014 | 1234512345 |

| 103 | sonal shinde | 78000 | database adminstrarion | thane | sonal@123 | 0 | 1998 | 1234567890 |

| 104 | radha more | 80000 | ux developer | sangli | radha@123 | 0 | 1798 | 987667890 |

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

4 rows in set (0.00 sec)

mysql> select\*

-> from employee

-> where eid>=101 or eid<=104;

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

| eid | ename | salary | dessignation | city | email | date\_of\_joining | date | phoneno |

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

| 101 | vidhi jagadale | 50000 | software developer | pune | vidhi@123 | 0 | 1998 | 1234567890 |

| 102 | pranita jagadale | 90000 | software engineer | satara | pra@123 | 0 | 2014 | 1234512345 |

| 103 | sonal shinde | 78000 | database adminstrarion | thane | sonal@123 | 0 | 1998 | 1234567890 |

| 104 | radha more | 80000 | ux developer | sangli | radha@123 | 0 | 1798 | 987667890 |

| 105 | sonali pol | 70000 | project manager | kolaphour | so@12345 | 0 | 1998 | 1234567890 |

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

5 rows in set (0.00 sec)

mysql> select\*

-> from employee

-> where city IN('pune','thane');

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

| eid | ename | salary | dessignation | city | email | date\_of\_joining | date | phoneno |

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

| 101 | vidhi jagadale | 50000 | software developer | pune | vidhi@123 | 0 | 1998 | 1234567890 |

| 103 | sonal shinde | 78000 | database adminstrarion | thane | sonal@123 | 0 | 1998 | 1234567890 |

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

2 rows in set (0.00 sec)

mysql> select\*

-> from employee

-> where city='pune' or city='thane';

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

| eid | ename | salary | dessignation | city | email | date\_of\_joining | date | phoneno |

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

| 101 | vidhi jagadale | 50000 | software developer | pune | vidhi@123 | 0 | 1998 | 1234567890 |

| 103 | sonal shinde | 78000 | database adminstrarion | thane | sonal@123 | 0 | 1998 | 1234567890 |

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

2 rows in set (0.00 sec)

**Create new database table:**

mysql> create database e;

Query OK, 1 row affected (0.02 sec)

mysql> use e;

Database changed

mysql> create table e(eno int,ename varchar(50),designation varchar(50),city varchar(50),date\_of\_joining varchar(50),email varchar(20),salary int,phoneno int);

Query OK, 0 rows affected (0.04 sec)

mysql> desc e;

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

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

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

| eno | int | YES | | NULL | |

| ename | varchar(50) | YES | | NULL | |

| designation | varchar(50) | YES | | NULL | |

| city | varchar(50) | YES | | NULL | |

| date\_of\_joining | varchar(50) | YES | | NULL | |

| email | varchar(20) | YES | | NULL | |

| salary | int | YES | | NULL | |

| phoneno | int | YES | | NULL | |

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

8 rows in set (0.01 sec)

mysql> insert into e values(101,'Suhani','Assistant','satara','12-12-2022','s@gmail.com',20000,1234567890),

-> (102,'Kajal','CEO','pune','11-10-2022','k@gmail.com',40000,1234567890),

-> (103,'Vedika','Cashier','Surat','1-11-2024','v@gmail.com',200000,1234567890),

-> (104,'Nayra','HR','gujrat','21-4-2022','n@gmail.com',400000,1234567890),

-> (105,'Angha','manager','Mumbai','14-1-2022','a@gmail.com',50000,1234567890),

-> (106,'Priya','CEO','Kolhapur','11-10-2012','p@gmail.com',400000,1234567890),

-> (107,'Manjali','HR','Sangli','11-7-2022','m@gmail.com',100000,1234567890),

-> (108,'Neha','developer','solapur','19-1-2022','n@gmail.com',42000,1234567890),

-> (109,'Harshda','tester','wai','11-12-2022','h@gmail.com',40000,1234567890),

-> (110,'Rani','assistant','delhi','16-4-2016','r@gmail.com',460000,1234567890);

Query OK, 10 rows affected (0.01 sec)

Records: 10 Duplicates: 0 Warnings: 0

mysql> select\* from e;

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

| eno | ename | designation | city | date\_of\_joining | email | salary | phoneno |

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

| 101 | Suhani | Assistant | satara | 12-12-2022 | s@gmail.com | 20000 | 1234567890 |

| 102 | Kajal | CEO | pune | 11-10-2022 | k@gmail.com | 40000 | 1234567890 |

| 103 | Vedika | Cashier | Surat | 1-11-2024 | v@gmail.com | 200000 | 1234567890 |

| 104 | Nayra | HR | gujrat | 21-4-2022 | n@gmail.com | 400000 | 1234567890 |

| 105 | Angha | manager | Mumbai | 14-1-2022 | a@gmail.com | 50000 | 1234567890 |

| 106 | Priya | CEO | Kolhapur | 11-10-2012 | p@gmail.com | 400000 | 1234567890 |

| 107 | Manjali | HR | Sangli | 11-7-2022 | m@gmail.com | 100000 | 1234567890 |

| 108 | Neha | developer | solapur | 19-1-2022 | n@gmail.com | 42000 | 1234567890 |

| 109 | Harshda | tester | wai | 11-12-2022 | h@gmail.com | 40000 | 1234567890 |

| 110 | Rani | assistant | delhi | 16-4-2016 | r@gmail.com | 460000 | 1234567890 |

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

10 rows in set (0.00 sec)

**Q1. Display the details of employee where salary>100000 and his/her post is ‘ceo’.**

mysql> SELECT ename,salary FROM e WHERE salary>10000 AND designation='CEO';

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

| ename | salary |

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

| Kajal | 40000 |

| Priya | 400000 |

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

2 rows in set (0.00 sec)

**Q2.Display name of employee whose belongs to either pune or Mumbai.**

mysql> select ename from e where city='pune' or city='mumbai';

+-------+

| ename |

+-------+

| Kajal |

| Angha |

+-------+

2 rows in set (0.00 sec)

**Q3.Display the details of employee whose salary > 500000 and he/she having designation Manager and ceo.**mysql> select ename,salary

-> from e

-> where salary>50000 and (designation='manager'OR designation='ceo');

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

| ename | salary |

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

| Priya | 400000 |

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

1 row in set (0.00 sec)

**Q4.Update salary of employee with 5% who salary > 50000 and phone no=’1234567890’;**

mysql> select ename,salary

-> from e

-> where salary>50000 and (designation='manager' and designation='ceo');

Empty set (0.00 sec)

mysql> update e

-> set salary=salary+(salary\* 1.05)

-> where salary>10000 AND phoneno='1234567890';

Query OK, 10 rows affected (0.01 sec)

Rows matched: 10 Changed: 10 Warnings: 0

mysql> select\*from e;

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

| eno | ename | designation | city | date\_of\_joining | email | salary | phoneno |

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

| 101 | Suhani | Assistant | satara | 12-12-2022 | s@gmail.com | 41000 | 1234567890 |

| 102 | Kajal | CEO | pune | 11-10-2022 | k@gmail.com | 82000 | 1234567890 |

| 103 | Vedika | Cashier | Surat | 1-11-2024 | v@gmail.com | 410000 | 1234567890 |

| 104 | Nayra | HR | gujrat | 21-4-2022 | n@gmail.com | 820000 | 1234567890 |

| 105 | Angha | manager | Mumbai | 14-1-2022 | a@gmail.com | 102500 | 1234567890 |

| 106 | Priya | CEO | Kolhapur | 11-10-2012 | p@gmail.com | 820000 | 1234567890 |

| 107 | Manjali | HR | Sangli | 11-7-2022 | m@gmail.com | 205000 | 1234567890 |

| 108 | Neha | developer | solapur | 19-1-2022 | n@gmail.com | 86100 | 1234567890 |

| 109 | Harshda | tester | wai | 11-12-2022 | h@gmail.com | 82000 | 1234567890 |

| 110 | Rani | assistant | delhi | 16-4-2016 | r@gmail.com | 943000 | 1234567890 |

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

10 rows in set (0.00 sec)

**Q4. Delete the details of employee whose id .**

mysql> delete from e where eno=110;

Query OK, 1 row affected (0.01 sec)

mysql> select\*from e;

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

| eno | ename | designation | city | date\_of\_joining | email | salary | phoneno |

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

| 101 | Suhani | Assistant | satara | 12-12-2022 | s@gmail.com | 41000 | 1234567890 |

| 102 | Kajal | CEO | pune | 11-10-2022 | k@gmail.com | 82000 | 1234567890 |

| 103 | Vedika | Cashier | Surat | 1-11-2024 | v@gmail.com | 410000 | 1234567890 |

| 104 | Nayra | HR | gujrat | 21-4-2022 | n@gmail.com | 820000 | 1234567890 |

| 105 | Angha | manager | Mumbai | 14-1-2022 | a@gmail.com | 102500 | 1234567890 |

| 106 | Priya | CEO | Kolhapur | 11-10-2012 | p@gmail.com | 820000 | 1234567890 |

| 107 | Manjali | HR | Sangli | 11-7-2022 | m@gmail.com | 205000 | 1234567890 |

| 108 | Neha | developer | solapur | 19-1-2022 | n@gmail.com | 86100 | 1234567890 |

| 109 | Harshda | tester | wai | 11-12-2022 | h@gmail.com | 82000 | 1234567890 |

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

9 rows in set (0.00 sec)

**Q5. Display unique city employee designation is ‘ceo’.**

mysql> select distinct city from e where designation='ceo';

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

| city |

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

| pune |

| Kolhapur |

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

2 rows in set (0.00 sec)

**Q6. Display the details of details of employee whose salary between 100000 to 500000 and city is mumbai.**

mysql> select\*

-> from e

-> where salary BETWEEN 100000 AND 500000 AND city='mumbai';

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

| eno | ename | designation | city | date\_of\_joining | email | salary | phoneno |

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

| 105 | Angha | manager | Mumbai | 14-1-2022 | a@gmail.com | 102500 | 1234567890 |

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

1 row in set (0.00 sec)

**Q7. Display name of employee whose id between 101 to 105 or his name is angha.**

mysql> select\*from e

-> where eno BETWEEN 101 AND 105 AND city='mumbai';

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

| eno | ename | designation | city | date\_of\_joining | email | salary | phoneno |

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

| 105 | Angha | manager | Mumbai | 14-1-2022 | a@gmail.com | 102500 | 1234567890 |

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

1 row in set (0.00 sec)

mysql> select\*from e

-> where eno BETWEEN 101 AND 105 AND ename='Angha';

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

| eno | ename | designation | city | date\_of\_joining | email | salary | phoneno |

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

| 105 | Angha | manager | Mumbai | 14-1-2022 | a@gmail.com | 102500 | 1234567890 |

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

1 row in set (0.00 sec)

**Q8. Update city of employee to ‘pune’ whose salary is between 50000 to 100000.**

mysql> update e SET city='pune' WHERE salary BETWEEN 50000 AND 100000;

Query OK, 2 rows affected (0.01 sec)

Rows matched: 3 Changed: 2 Warnings: 0

mysql> select\* from e;

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

| eno | ename | designation | city | date\_of\_joining | email | salary | phoneno |

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

| 101 | Suhani | Assistant | satara | 12-12-2022 | s@gmail.com | 41000 | 1234567890 |

| 102 | Kajal | CEO | pune | 11-10-2022 | k@gmail.com | 82000 | 1234567890 |

| 103 | Vedika | Cashier | Surat | 1-11-2024 | v@gmail.com | 410000 | 1234567890 |

| 104 | Nayra | HR | gujrat | 21-4-2022 | n@gmail.com | 820000 | 1234567890 |

| 105 | Angha | manager | Mumbai | 14-1-2022 | a@gmail.com | 102500 | 1234567890 |

| 106 | Priya | CEO | Kolhapur | 11-10-2012 | p@gmail.com | 820000 | 1234567890 |

| 107 | Manjali | HR | Sangli | 11-7-2022 | m@gmail.com | 205000 | 1234567890 |

| 108 | Neha | developer | pune | 19-1-2022 | n@gmail.com | 86100 | 1234567890 |

| 109 | Harshda | tester | pune | 11-12-2022 | h@gmail.com | 82000 | 1234567890 |

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

9 rows in set (0.00 sec)