**1) Display Details of employee whose salary>=1000 & his/her post is ‘CEO’.**

mysql> SELECT \* FROM emp WHERE salary>=10000 and designation='CEO';

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

| eno | ename | designation | salary | date\_of\_joining | email | city | phone\_no |

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

| 2 | Mr.Ram | CEO | 42000 | 2020-07-12 | ram123@gmail.com | Solapur | 7658974534 |

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

1 row in set (0.00 sec)

**2) Display name of employee whose belong to either Pune or Mumbai.**

mysql> SELECT ename FROM emp WHERE city='pune' or city='mumbai';

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

| ename |

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

| Mr.Advait |

| Mr.Roy |

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

2 rows in set (0.00 sec)

**3) Display details of employee whose salary>=50000 & he or she having designation manager or CEO.**

**SELECT \* FROM emp WHERE salary>=50000 and (designation='Sr Manager' or designation='CEO');**

mysql> SELECT \* FROM emp WHERE salary>=50000 and (designation='Sr Manager' or designation='CEO');

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

| eno | ename | designation | salary | date\_of\_joining | email | city | phone\_no |

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

| 4 | Mr.Raghav | Sr Manager | 441000 | 2020-07-12 | mrraghav@gmail.com | Satara | 9011620808 |

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

1 row in set (0.00 sec)

**4) Update salary of employee’s with 5% whose salary>=50000 & phone number is '9867604555'**

UPDATE emp

SET salary = salary \* 1.05

WHERE salary >= 50000 AND phone\_no = '9867604555';

mysql> UPDATE emp

-> SET salary = salary \* 1.05

-> WHERE salary >= 50000 AND phone\_no = '9867604555';

Query OK, 1 row affected (0.02 sec)

Rows matched: 1 Changed: 1 Warnings: 0

mysql> select \* from emp;

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

| eno | ename | designation | salary | date\_of\_joining | email | city | phone\_no |

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

| 1 | Mr.Advait | Sr. Assistant Manager | 59535 | 2020-07-12 | mradvait@gmail.com | Mumbai | 9867604555 |

| 2 | Mr.Ram | CEO | 42000 | 2020-07-12 | ram123@gmail.com | Solapur | 7658974534 |

| 3 | Mr.Roy | Developer | 61000 | 2020-07-12 | mrsham3@gmail.com | Mumbai | 9758974525 |

| 4 | Mr.Raghav | Sr Manager | 441000 | 2020-07-12 | mrraghav@gmail.com | Satara | 9011620808 |

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

4 rows in set (0.00 sec)

mysql> INSERT INTO emp (eno, ename, designation, salary, date\_of\_joining, email)

-> VALUES (5, 'Mr.Ash', 'Accountant', 80000, '2001-03-01', 'mrash@gmail.com');

Query OK, 1 row affected (0.02 sec)

mysql> select \* from emp;

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

| eno | ename | designation | salary | date\_of\_joining | email | city | phone\_no |

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

| 1 | Mr.Advait | Sr. Assistant Manager | 59535 | 2020-07-12 | mradvait@gmail.com | Mumbai | 9867604555 |

| 2 | Mr.Ram | CEO | 42000 | 2020-07-12 | ram123@gmail.com | Solapur | 7658974534 |

| 3 | Mr.Roy | Developer | 61000 | 2020-07-12 | mrsham3@gmail.com | Mumbai | 9758974525 |

| 4 | Mr.Raghav | Sr Manager | 441000 | 2020-07-12 | mrraghav@gmail.com | Satara | 9011620808 |

| 5 | Mr.Ash | Accountant | 80000 | 2001-03-01 | mrash@gmail.com | NULL | NULL |

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

5 rows in set (0.00 sec)

mysql> UPDATE emp SET city = 'Bangalore' WHERE eno = 5;

Query OK, 1 row affected (0.02 sec)

Rows matched: 1 Changed: 1 Warnings: 0

mysql> UPDATE emp SET phone\_no = 9856789049 WHERE eno = 5;

Query OK, 1 row affected (0.02 sec)

Rows matched: 1 Changed: 1 Warnings: 0

mysql> select \* from emp;

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

| eno | ename | designation | salary | date\_of\_joining | email | city | phone\_no |

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

| 1 | Mr.Advait | Sr. Assistant Manager | 59535 | 2020-07-12 | mradvait@gmail.com | Mumbai | 9867604555 |

| 2 | Mr.Ram | CEO | 42000 | 2020-07-12 | ram123@gmail.com | Solapur | 7658974534 |

| 3 | Mr.Roy | Developer | 61000 | 2020-07-12 | mrsham3@gmail.com | Mumbai | 9758974525 |

| 4 | Mr.Raghav | Sr Manager | 441000 | 2020-07-12 | mrraghav@gmail.com | Satara | 9011620808 |

| 5 | Mr.Ash | Accountant | 80000 | 2001-03-01 | mrash@gmail.com | Bangalore | 9856789049 |

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

5 rows in set (0.00 sec)

**5) Delete the details of employee whose id>=5**

mysql> DELETE FROM emp WHERE eno>=5;

Query OK, 1 row affected (0.02 sec)

mysql> select \* from emp;

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

| eno | ename | designation | salary | date\_of\_joining | email | city | phone\_no |

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

| 1 | Mr.Advait | Sr. Assistant Manager | 59535 | 2020-07-12 | mradvait@gmail.com | Mumbai | 9867604555 |

| 2 | Mr.Ram | CEO | 42000 | 2020-07-12 | ram123@gmail.com | Solapur | 7658974534 |

| 3 | Mr.Roy | Developer | 61000 | 2020-07-12 | mrsham3@gmail.com | Mumbai | 9758974525 |

| 4 | Mr.Raghav | Sr Manager | 441000 | 2020-07-12 | mrraghav@gmail.com | Satara | 9011620808 |

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

4 rows in set (0.00 sec)

**Distinct**

**6) Display name of city whose employee designation is CEO**

mysql> SELECT DISTINCT city FROM emp where designation='CEO';

+---------+

| city |

+---------+

| Solapur |

+---------+

1 row in set (0.00 sec)

mysql> INSERT INTO emp (eno, ename, designation, salary, date\_of\_joining, email, city, phone\_no)

-> values

-> (5, 'Mr.Ash', 'Accountant', 80000, '2001-03-01', 'mrash@gmail.com', 'Bangalore', 9876565678),

-> (6, 'Mr.Ramesh', 'Manager', 35000, '2003-04-03', 'mramesh@gmail.com', 'Pune', 9876544585);

Query OK, 2 rows affected (0.02 sec)

Records: 2 Duplicates: 0 Warnings: 0

mysql> select \* from emp;

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

| eno | ename | designation | salary | date\_of\_joining | email | city | phone\_no |

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

| 1 | Mr.Advait | Sr. Assistant Manager | 59535 | 2020-07-12 | mradvait@gmail.com | Mumbai | 9867604555 |

| 2 | Mr.Ram | CEO | 42000 | 2020-07-12 | ram123@gmail.com | Solapur | 7658974534 |

| 3 | Mr.Roy | Developer | 61000 | 2020-07-12 | mrsham3@gmail.com | Mumbai | 9758974525 |

| 4 | Mr.Raghav | Sr Manager | 441000 | 2020-07-12 | mrraghav@gmail.com | Satara | 9011620808 |

| 5 | Mr.Ash | Accountant | 80000 | 2001-03-01 | mrash@gmail.com | Bangalore | 9876565678 |

| 6 | Mr.Ramesh | Manager | 35000 | 2003-04-03 | mramesh@gmail.com | Pune | 9876544585 |

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

6 rows in set (0.00 sec)

**Between**

7) Display the details of employee whose salary between 10000 to 50000 & city is pune

mysql> SELECT \* FROM emp WHERE salary BETWEEN 10000 and 50000 and city='pune';

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

| eno | ename | designation | salary | date\_of\_joining | email | city | phone\_no |

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

| 6 | Mr.Ramesh | Manager | 35000 | 2003-04-03 | mramesh@gmail.com | Pune | 9876544585 |

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

1 row in set (0.00 sec)

**8) Display name of employee whose id between 1 to 5 or his name is ‘Mr.Advait’**

mysql> SELECT ename FROM emp WHERE eno BETWEEN 1 and 5 or ename='Mr.Advait';

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

| ename |

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

| Mr.Advait |

| Mr.Ram |

| Mr.Roy |

| Mr.Raghav |

| Mr.Ash |

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

5 rows in set (0.00 sec)

**9) Update city of employee to Pune whose salary is between 50000 to 100000**

mysql> UPDATE emp SET city='Pune' WHERE salary BETWEEN 50000 and 100000;

Query OK, 3 rows affected (0.02 sec)

Rows matched: 3 Changed: 3 Warnings: 0

mysql> select \* from emp;

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

| eno | ename | designation | salary | date\_of\_joining | email | city | phone\_no |

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

| 1 | Mr.Advait | Sr. Assistant Manager | 59535 | 2020-07-12 | mradvait@gmail.com | Pune | 9867604555 |

| 2 | Mr.Ram | CEO | 42000 | 2020-07-12 | ram123@gmail.com | Solapur | 7658974534 |

| 3 | Mr.Roy | Developer | 61000 | 2020-07-12 | mrsham3@gmail.com | Pune | 9758974525 |

| 4 | Mr.Raghav | Sr Manager | 441000 | 2020-07-12 | mrraghav@gmail.com | Satara | 9011620808 |

| 5 | Mr.Ash | Accountant | 80000 | 2001-03-01 | mrash@gmail.com | Pune | 9876565678 |

| 6 | Mr.Ramesh | Manager | 35000 | 2003-04-03 | mramesh@gmail.com | Pune | 9876544585 |

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

6 rows in set (0.00 sec)

**In**

10) Display details of employee whose city is Solapur or Pune

mysql> SELECT \* FROM emp WHERE city IN ('Solapur','Satara');

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

| eno | ename | designation | salary | date\_of\_joining | email | city | phone\_no |

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

| 2 | Mr.Ram | CEO | 42000 | 2020-07-12 | ram123@gmail.com | Solapur | 7658974534 |

| 4 | Mr.Raghav | Sr Manager | 441000 | 2020-07-12 | mrraghav@gmail.com | Satara | 9011620808 |

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

2 rows in set (0.00 sec)