1)WAQTD ALL EMP WORLING IN DEPT 20?

ANS: select \* from employee where DeptNo = 20;

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

| id | name | emailId | designation | mobileNo | age | DOB | DOJ | Salary | DeptNo | BloodGroup |

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

| 1 | ranu | ranu@gmail | tester | 9876 | 22 | 1997-07-02 | 2019-09-06 | 54433 | 20 | A+ |

| 2 | simu | simu@gmail | tester | 8769 | 22 | 1997-07-02 | 2019-07-03 | 12000 | 20 | A+ |

| 7 | rinku | riku@gmail | salesman | 9456 | 28 | 1990-10-09 | 2015-06-12 | 19000 | 20 | B- |

| 10 | sanju | sanju@gmail | HR | 89675 | 43 | 1977-05-28 | 2016-09-01 | 45660 | 20 | O- |

| 11 | saphu | saphu@gmail | analyst | 89235 | 43 | 1977-05-28 | 2015-04-01 | 35660 | 20 | O+ |

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

5 rows in set (0.00 sec)

2) WAQTD THE EMP EARNING MORE THAN RS25000?

ANS: select \* from employee where salary>25000;

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

| id | name | emailId | designation | mobileNo | age | DOB | DOJ | Salary | DeptNo | BloodGroup |

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

| 1 | ranu | ranu@gmail | tester | 9876 | 22 | 1997-07-02 | 2019-09-06 | 54433 | 20 | A+ |

| 3 | luqhmaan | luqh@gmail | HR | 8855 | 28 | 1990-09-03 | 2018-01-12 | 60000 | 10 | B+ |

| 5 | riya | riya@gmail | software developer | 9823 | 38 | 1980-09-03 | 2016-01-12 | 40000 | 40 | AB- |

| 6 | ritu | ritu@gmail | analyst | 8021 | 23 | 1996-09-03 | 2018-06-28 | 30000 | 40 | O+ |

| 10 | sanju | sanju@gmail | HR | 89675 | 43 | 1977-05-28 | 2016-09-01 | 45660 | 20 | O- |

| 11 | saphu | saphu@gmail | analyst | 89235 | 43 | 1977-05-28 | 2015-04-01 | 35660 | 20 | O+ |

| 14 | manik | manu@gmail | software developer | 94178 | 33 | 1987-05-28 | 2015-04-10 | 40000 | 30 | AB- |

| 15 | manish | manish@gmail | HR | 90976 | 33 | 1987-05-28 | 2015-04-10 | 30000 | 30 | AB- |

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

8 rows in set (0.00 sec)

3) WAQTD ALL THE EMP WHOSE JOB TYPE IS SOFTWARE DEVELOPER?

ANS: select \* from employee where designation = 'software developer';

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

| id | name | emailId | designation | mobileNo | age | DOB | DOJ | Salary | DeptNo | BloodGroup |

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

| 5 | riya | riya@gmail | software developer | 9823 | 38 | 1980-09-03 | 2016-01-12 | 40000 | 40 | AB- |

| 9 | sakshi | saku@gmail | software developer | 9135 | 34 | 1985-03-02 | 2015-11-21 | 25000 | 10 | B+ |

| 14 | manik | manu@gmail | software developer | 94178 | 33 | 1987-05-28 | 2015-04-10 | 40000 | 30 | AB- |

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

3 rows in set (0.00 sec)

4) WAQTD ALL EMP WORKING IN DEPT 10 20 &40?

ANS: select \* from employee where DeptNo in(10,20,40);

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

| id | name | emailId | designation | mobileNo | age | DOB | DOJ | Salary | DeptNo | BloodGroup |

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

| 1 | ranu | ranu@gmail | tester | 9876 | 22 | 1997-07-02 | 2019-09-06 | 54433 | 20 | A+ |

| 2 | simu | simu@gmail | tester | 8769 | 22 | 1997-07-02 | 2019-07-03 | 12000 | 20 | A+ |

| 3 | luqhmaan | luqh@gmail | HR | 8855 | 28 | 1990-09-03 | 2018-01-12 | 60000 | 10 | B+ |

| 5 | riya | riya@gmail | software developer | 9823 | 38 | 1980-09-03 | 2016-01-12 | 40000 | 40 | AB- |

| 6 | ritu | ritu@gmail | analyst | 8021 | 23 | 1996-09-03 | 2018-06-28 | 30000 | 40 | O+ |

| 7 | rinku | riku@gmail | salesman | 9456 | 28 | 1990-10-09 | 2015-06-12 | 19000 | 20 | B- |

| 8 | sukaniya | suku@gmail | clerk | 8123 | 28 | 1990-09-03 | 2017-01-12 | 8000 | 40 | AB+ |

| 9 | sakshi | saku@gmail | software developer | 9135 | 34 | 1985-03-02 | 2015-11-21 | 25000 | 10 | B+ |

| 10 | sanju | sanju@gmail | HR | 89675 | 43 | 1977-05-28 | 2016-09-01 | 45660 | 20 | O- |

| 11 | saphu | saphu@gmail | analyst | 89235 | 43 | 1977-05-28 | 2015-04-01 | 35660 | 20 | O+ |

| 12 | anju | anju@gmail | salesman | 99675 | 33 | 1987-05-28 | 2017-09-01 | 20000 | 10 | O- |

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

11 rows in set (0.00 sec)

5) WAQTD OF EMP WHOS NAME START WITH S?

ANS: select \* from employee where name like 's%';

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

| id | name | emailId | designation | mobileNo | age | DOB | DOJ | Salary | DeptNo | BloodGroup |

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

| 2 | simu | simu@gmail | tester | 8769 | 22 | 1997-07-02 | 2019-07-03 | 12000 | 20 | A+ |

| 8 | sukaniya | suku@gmail | clerk | 8123 | 28 | 1990-09-03 | 2017-01-12 | 8000 | 40 | AB+ |

| 9 | sakshi | saku@gmail | software developer | 9135 | 34 | 1985-03-02 | 2015-11-21 | 25000 | 10 | B+ |

| 10 | sanju | sanju@gmail | HR | 89675 | 43 | 1977-05-28 | 2016-09-01 | 45660 | 20 | O- |

| 11 | saphu | saphu@gmail | analyst | 89235 | 43 | 1977-05-28 | 2015-04-01 | 35660 | 20 | O+ |

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

5 rows in set (0.00 sec)

6)WAQTD ALL THE EMP NAME WHOS FIRST NAME 2ND CARACTER START WITH L?

ANS: select \* from employee where name like '\_l%';

Empty set (0.00 sec)

7) WAQTD ALL THE EMP WHOS FIRSTNAME IS HAVING ATLEAST 2 A CHAR?

ANS: select \* from employee where name like '%a%a%';

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

| id | name | emailId | designation | mobileNo | age | DOB | DOJ | Salary | DeptNo | BloodGroup |

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

| 3 | luqhmaan | luqh@gmail | HR | 8855 | 28 | 1990-09-03 | 2018-01-12 | 60000 | 10 | B+ |

| 8 | sukaniya | suku@gmail | clerk | 8123 | 28 | 1990-09-03 | 2017-01-12 | 8000 | 40 | AB+ |

| 13 | palak | palu@gmail | clerk | 92345 | 22 | 1997-05-28 | 2019-09-10 | 10000 | 30 | B- |

| 16 | rajan | NULL | clerk | 9834 | 32 | NULL | NULL | NULL | NULL | NULL |

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

4 rows in set (0.00 sec)

8) WAQTD WHOSE NAME HAVING LETTER E AS THE SECOND LAST CHARACTER?

ANS: select \* from employee where name like '%e\_';

Empty set (0.00 sec)

9)WAQTD WHOS HAVING 5 CHAR IN THEIR NAME?

ANS: select \* from employee where name like '\_\_\_\_\_';

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

| id | name | emailId | designation | mobileNo | age | DOB | DOJ | Salary | DeptNo | BloodGroup |

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

| 7 | rinku | riku@gmail | salesman | 9456 | 28 | 1990-10-09 | 2015-06-12 | 19000 | 20 | B- |

| 10 | sanju | sanju@gmail | HR | 89675 | 43 | 1977-05-28 | 2016-09-01 | 45660 | 20 | O- |

| 11 | saphu | saphu@gmail | analyst | 89235 | 43 | 1977-05-28 | 2015-04-01 | 35660 | 20 | O+ |

| 13 | palak | palu@gmail | clerk | 92345 | 22 | 1997-05-28 | 2019-09-10 | 10000 | 30 | B- |

| 14 | manik | manu@gmail | software developer | 94178 | 33 | 1987-05-28 | 2015-04-10 | 40000 | 30 | AB- |

| 16 | rajan | NULL | clerk | 9834 | 32 | NULL | NULL | NULL | NULL | NULL |

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

6 rows in set (0.00 sec)

10)WAQTD EMP WHOSE SALARY IS BETWEEN 20000 AND 30000?

ANS: select \* from employee where salary between 20000 and 30000;

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

| id | name | emailId | designation | mobileNo | age | DOB | DOJ | Salary | DeptNo | BloodGroup |

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

| 6 | ritu | ritu@gmail | analyst | 8021 | 23 | 1996-09-03 | 2018-06-28 | 30000 | 40 | O+ |

| 9 | sakshi | saku@gmail | software developer | 9135 | 34 | 1985-03-02 | 2015-11-21 | 25000 | 10 | B+ |

| 12 | anju | anju@gmail | salesman | 99675 | 33 | 1987-05-28 | 2017-09-01 | 20000 | 10 | O- |

| 15 | manish | manish@gmail | HR | 90976 | 33 | 1987-05-28 | 2015-04-10 | 30000 | 30 | AB- |

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

4 rows in set (0.00 sec)

1. WAQTD ALL THE DETAILS OF THE SAFTWARE DEVELPOER IN DEPT 30?

ANS: select \* from employee where designation ='software developer' and DeptNo = 30;

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

| id | name | emailId | designation | mobileNo | age | DOB | DOJ | Salary | DeptNo | BloodGroup |

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

| 14 | manik | manu@gmail | software developer | 94178 | 33 | 1987-05-28 | 2015-04-10 | 40000 | 30 | AB- |

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

1 row in set (0.00 sec)

2)WAQTD THE LIST FOR ALL THE SOFTWARE DEVELOPER IN DEPT 40 AND HAVING SALARY < 5000?

ANS: select \* from employee where designation ='software developer' and DeptNo = 40 and salary>5000;

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

| id | name | emailId | designation | mobileNo | age | DOB | DOJ | Salary | DeptNo | BloodGroup |

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

| 5 | riya | riya@gmail | software developer | 9823 | 38 | 1980-09-03 | 2016-01-12 | 40000 | 40 | AB- |

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

1 row in set (0.00 sec)

3)WAQTD LIST ALL THE EMP EXCEPT THOSE WHO WORKING IN DEPT 10 20?

ANS: select \* from employee where DeptNo not in (10,20);

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

| id | name | emailId | designation | mobileNo | age | DOB | DOJ | Salary | DeptNo | BloodGroup |

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

| 4 | raju | raju@gmail | clerk | 8785 | 28 | 1990-09-03 | 2016-01-12 | 6000 | 30 | B- |

| 5 | riya | riya@gmail | software developer | 9823 | 38 | 1980-09-03 | 2016-01-12 | 40000 | 40 | AB- |

| 6 | ritu | ritu@gmail | analyst | 8021 | 23 | 1996-09-03 | 2018-06-28 | 30000 | 40 | O+ |

| 8 | sukaniya | suku@gmail | clerk | 8123 | 28 | 1990-09-03 | 2017-01-12 | 8000 | 40 | AB+ |

| 13 | palak | palu@gmail | clerk | 92345 | 22 | 1997-05-28 | 2019-09-10 | 10000 | 30 | B- |

| 14 | manik | manu@gmail | software developer | 94178 | 33 | 1987-05-28 | 2015-04-10 | 40000 | 30 | AB- |

| 15 | manish | manish@gmail | HR | 90976 | 33 | 1987-05-28 | 2015-04-10 | 30000 | 30 | AB- |

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

7 rows in set (0.00 sec)

4)WAQTD LIST ALL THE EMP WHO ARE NOT WORKING AS SD AND CLERK IN DEPT 10 20 WITH AND SALARY RANGE IN THE RANGE 1000 AND 3000?

ANS: select \* from employee where designation not in ('software developer','clerk') and DeptNo in (10,20) and salary between 1000 and 3000;

Empty set (0.00 sec)

5)WAQTD THE LIST OF EMP WHOS SALARY IS NOT IN THE RANGE OF 10000 AND 20000 IN DEPT 10 20 30 EXCEPT ALL SALES MAN?

ANS: select \* from employee where salary not between 10000 and 20000 and DeptNo in (10,20,30) and designation not like 'salesman';

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

| id | name | emailId | designation | mobileNo | age | DOB | DOJ | Salary | DeptNo | BloodGroup |

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

| 1 | ranu | ranu@gmail | tester | 9876 | 22 | 1997-07-02 | 2019-09-06 | 54433 | 20 | A+ |

| 3 | luqhmaan | luqh@gmail | HR | 8855 | 28 | 1990-09-03 | 2018-01-12 | 60000 | 10 | B+ |

| 4 | raju | raju@gmail | clerk | 8785 | 28 | 1990-09-03 | 2016-01-12 | 6000 | 30 | B- |

| 9 | sakshi | saku@gmail | software developer | 9135 | 34 | 1985-03-02 | 2015-11-21 | 25000 | 10 | B+ |

| 10 | sanju | sanju@gmail | HR | 89675 | 43 | 1977-05-28 | 2016-09-01 | 45660 | 20 | O- |

| 11 | saphu | saphu@gmail | analyst | 89235 | 43 | 1977-05-28 | 2015-04-01 | 35660 | 20 | O+ |

| 14 | manik | manu@gmail | software developer | 94178 | 33 | 1987-05-28 | 2015-04-10 | 40000 | 30 | AB- |

| 15 | manish | manish@gmail | HR | 90976 | 33 | 1987-05-28 | 2015-04-10 | 30000 | 30 | AB- |

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

8 rows in set (0.00 sec)

6) WAQT ARRANGE ALL THE EMPLOYEE BY THEIR SALARY IN DECENDING ORDER?

ANS: select \* from employee order by salary desc;

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

| id | name | emailId | designation | mobileNo | age | DOB | DOJ | Salary | DeptNo | BloodGroup |

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

| 3 | luqhmaan | luqh@gmail | HR | 8855 | 28 | 1990-09-03 | 2018-01-12 | 60000 | 10 | B+ |

| 1 | ranu | ranu@gmail | tester | 9876 | 22 | 1997-07-02 | 2019-09-06 | 54433 | 20 | A+ |

| 10 | sanju | sanju@gmail | HR | 89675 | 43 | 1977-05-28 | 2016-09-01 | 45660 | 20 | O- |

| 5 | riya | riya@gmail | software developer | 9823 | 38 | 1980-09-03 | 2016-01-12 | 40000 | 40 | AB- |

| 14 | manik | manu@gmail | software developer | 94178 | 33 | 1987-05-28 | 2015-04-10 | 40000 | 30 | AB- |

| 11 | saphu | saphu@gmail | analyst | 89235 | 43 | 1977-05-28 | 2015-04-01 | 35660 | 20 | O+ |

| 6 | ritu | ritu@gmail | analyst | 8021 | 23 | 1996-09-03 | 2018-06-28 | 30000 | 40 | O+ |

| 15 | manish | manish@gmail | HR | 90976 | 33 | 1987-05-28 | 2015-04-10 | 30000 | 30 | AB- |

| 9 | sakshi | saku@gmail | software developer | 9135 | 34 | 1985-03-02 | 2015-11-21 | 25000 | 10 | B+ |

| 12 | anju | anju@gmail | salesman | 99675 | 33 | 1987-05-28 | 2017-09-01 | 20000 | 10 | O- |

| 7 | rinku | riku@gmail | salesman | 9456 | 28 | 1990-10-09 | 2015-06-12 | 19000 | 20 | B- |

| 2 | simu | simu@gmail | tester | 8769 | 22 | 1997-07-02 | 2019-07-03 | 12000 | 20 | A+ |

| 13 | palak | palu@gmail | clerk | 92345 | 22 | 1997-05-28 | 2019-09-10 | 10000 | 30 | B- |

| 8 | sukaniya | suku@gmail | clerk | 8123 | 28 | 1990-09-03 | 2017-01-12 | 8000 | 40 | AB+ |

| 4 | raju | raju@gmail | clerk | 8785 | 28 | 1990-09-03 | 2016-01-12 | 6000 | 30 | B- |

| 16 | rajan | NULL | clerk | 9834 | 32 | NULL | NULL | NULL | NULL | NULL |

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

16 rows in set (0.03 sec)

7) WAQTD THE MAX SALARY , MIN SALARY AND TOTAL SALARY FROM EMPLOYEE?

ANS: select max(salary),min(salary),sum(salary) from employee;

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

| max(salary) | min(salary) | sum(salary) |

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

| 60000 | 6000 | 435753 |

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

1 row in set (0.00 sec)

8) WAQTD THE LIST OF NUMBER OF SD IN DEPT 20?

ANS: select count('software developer') from employee where DeptNo=20;

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

| count('software developer') |

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

| 5 |

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

1 row in set (0.00 sec)

9)WAQTD THE LIST OF THE HIGHEST AND LOWEST SALARY EARNED BY SALESMAN?

ANS: select max(salary),min(salary) from employee where designation = 'salesman';

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

| max(salary) | min(salary) |

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

| 20000 | 19000 |

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

1 row in set (0.00 sec)

10)WAQTD THE TOTAL SALARY OF ALL DEPARTMENT?

ANS: select sum(salary),DeptNo from employee group by DeptNo;

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

| sum(salary) | DeptNo |

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

| NULL | NULL |

| 105000 | 10 |

| 166753 | 20 |

| 86000 | 30 |

| 78000 | 40 |

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

5 rows in set (0.00 sec)