**Practical no.-**6

**Title:** Execute SQL Queries Using Arithmetic,Comparison,Logical,Set,Between and Like Operators.

**Roll No.:**  15 **Batch-** A **Date of Performance:** 27-Aug-22

SQL> conn;

Enter user-name: Aditya

Enter password:

Connected.

**XIII) Practical Related Questions:**

**1)**

SQL> select E\_name,(Salary\*.20) as Increamented\_Salary from Emp;

E\_NAME INCREAMENTED\_SALARY

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Tejas Patil 7000

Rahul Mavali 7200

Dhiraj Gadhave 7200

Ajay Aware 7200

Jivan Chakor 6600

Kiran Bendkule 6600

6 rows selected.

SQL> select E\_name,Emp\_no from Emp where Salary <=50000 and Salary>=25000;

E\_NAME EMP\_NO

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Tejas Patil 45

Rahul Mavali 46

Dhiraj Gadhave 47

Ajay Aware 48

Jivan Chakor 49

Kiran Bendkule 50

6 rows selected.

SQL>SQL> select \* from Emp where Salary>(select salary from emp where E\_name='Ashish');

no rows selected

SQL> set linesize 150

SQL> select \* from Emp where Dept\_no<>201;

EMP\_NO E\_NAME DEPT\_NO DEPT\_NAME JOB\_ID SALARY PHNO

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45 Tejas Patil 1 Computer Technology 1001 35000 9876563210

46 Rahul Mavali 2 Mechanical Technology 1002 36000 9876564510

47 Dhiraj Gadhave 3 Civil Engineering 1003 36000 9876564510

48 Ajay Aware 4 Chemical Engineering 1004 36000 9876564510

49 Jivan Chakor 5 Information Technology 1005 33000 9876564510

50 Kiran Bendkule 6 AIML 1006 33000 9876564510

6 rows selected.

**2)**

SQL> select Dept\_no from Emp union Select Dept\_no from dept1;

DEPT\_NO

----------

1

2

3

4

5

6

6 rows selected.

SQL> select Dept\_no from Emp intersect select Dept\_no from dept1;

DEPT\_NO

----------

1

2

3

4

5

6

6 rows selected.

SQL> select Dept\_no from Emp minus Select Dept\_no from dept1;

no rows selected

SQL> select \* from emp where salary between 100 and 200;

no rows selected

SQL> select \* from Emp where E\_name IN('Shreyash');

EMP\_NO E\_NAME DEPT\_NO DEPT\_NAME JOB\_ID SALARY PHNO

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49 Shreyash 5 Information Technology 1005 33000 9876564510

**XIV) Exercise**

**1)**

SQL> select \* from emp where NOT(JOB\_ID<>2);

EMP\_NO E\_NAME DEPT\_NO DEPT\_NAME JOB\_ID SALARY PHNO

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45 Tejas Patil 1 Computer Technology 1001 35000 9876563210

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50 Kiran Bendkule 6 AIML 1006 33000 9876564510

6 rows selected.

SQL> Select \* from Emp where E\_name like'\_\_\_\_\_\_';

no rows selected

SQL> select E\_name,Salary from emp where salary not between 20000 and 35000;

E\_NAME SALARY

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Rahul Mavali 36000

Dhiraj Gadhave 36000

Ajay Aware 36000

SQL> select Emp.E\_name from Emp,Dept where Emp.E\_name=Dept.E\_name;

E\_NAME

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Ajay Aware

Dhiraj Gadhave

Jivan Chakor

Kiran Bendkule

Rahul Mavali

Tejas Patil

6 rows selected.

SQL>select E\_name from Emp where(salary\*(15/100)+salary)>50000

no rows selected.

**2)**

SQL> select \* from Emp where Salary>40000 AND DEPT\_Name='Sales';

no rows selected

SQL> select \* from emp where NOT(Dept\_Name='Sales');

EMP\_NO E\_NAME DEPT\_NO DEPT\_NAME JOB\_ID SALARY PHNO

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45 Tejas Patil 1 Computer Technology 1001 35000 9876563210

46 Rahul Mavali 2 Mechanical Technology 1002 36000 9876564510

47 Dhiraj Gadhave 3 Civil Engineering 1003 36000 9876564510

48 Ajay Aware 4 Chemical Engineering 1004 36000 9876564510

49 Jivan Chakor 5 Information Technology 1005 33000 9876564510

50 Kiran Bendkule 6 AIML 1006 33000 9876564510

6 rows selected.

SQL> Select \* from Emp where E\_name like 'S%';

50 Shreyash 6 AIML 1006 33000 9876564510

1 row selected.

SQL> Select \* from Emp where E\_name like '\_s%';

no rows selected