EXPERIMENT-5

AIM: TO WRITE SQL QUERIES TO PERFORM SPECIAL OPERATIONS(i.e LIKE, BETWEEN, ISNULL, ISNOTNULL)

Creating a table

```
1 CREATE TABLE students_in(
2 name VARCHAR2(10) NOT NULL,
3 r_no VARCHAR2(5) NOT NULL,
4 branch VARCHAR2(5) NULL,
5 block VARCHAR2(6) NULL,
6 fee NUMBER NOT NULL,
7* PRIMARY KEY(name))
SQL-CSE530>/
Table created.
```

Inserting values:

```
SQL-CSE530>INSERT INTO students_in VALUES('Jagadeesh',530,'CSE','B',2500000);

1 row created.

SQL-CSE530>INSERT INTO students_in VALUES('Anees',553,'CSE','B',2200000);

1 row created.

SQL-CSE530>INSERT INTO students_in VALUES('Balaji',510,'CSE','A',2200000);

1 row created.

SQL-CSE530>INSERT INTO students_in VALUES('Baba',509,'CSE','A',2900000);

1 row created.

SQL-CSE530>INSERT INTO students_in VALUES('Tauheed',547,'CSE','A',3500000);

1 row created.
```

```
SQL-CSE530>INSERT INTO students_in VALUES('Tarun',547,'','',3500000);

1 row created.

SQL-CSE530>INSERT INTO students_in VALUES('Mani',549,'','',3900000);

1 row created.

SQL-CSE530>INSERT INTO students_in VALUES('Rehan',554,'','',3900000);

1 row created.
```

Is Null operation:

```
SQL-CSE530>SELECT * from students_in;
         R_NO
              BRANC BLOCK
NAME
                                FEE
                           2500000
Jagadeesh 530 CSE
              CSE B
        553
Anees
                             2200000
Balaji
        510 CSE
                            2200000
                   Α
              CSE
Baba
         509
                   Α
                             2900000
        547 CSE
Tauheed
                   Α
                             3500000
                             3500000
Tarun
        547
Mani
        549
                             3900000
Rehan 554
                             3900000
8 rows selected.
SQL-CSE530>SELECT *FROM students_in WHERE branch IS NULL;
         R NO BRANC BLOCK
NAME
                                FEE
         547
Tarun
                             3500000
Mani
        549
                             3900000
Rehan
        554
                             3900000
```

Is not null operation:

SQL-CSE530:	>SELEC	T *FRON	1 students	_in WHERE	branch	IS	NOT	NULL;
NAME	R_NO	BRANC	BLOCK	FEE				
Jagadeesh	530	CSE	В	2500000				
Anees	553	CSE	В	2200000				
Balaji	510	CSE	Α	2200000				
Baba	509	CSE	Α	2900000				
Tauheed	547	CSE	Α	3500000				

Between operation:

```
SQL-CSE530>SELECT *FROM students in WHERE fee BETWEEN 2000000 and 3000000;
NAME R_NO BRANC BLOCK FEE
Jagadeesh 530 CSE B
                         2500000
        553 CSE B
Anees
                         2200000
Balaji
        510 CSE A
                         2200000
        509 CSE A 2900000
Baba
SQL-CSE530>SELECT *FROM students_in WHERE fee BETWEEN 2500000 and 3500000;
NAME R_NO BRANC BLOCK FEE
Jagadeesh 530 CSE B
                         2500000
Baba
        509 CSE A
                          2900000
Tauheed 547 CSE A
                          3500000
Tarun
        547
                          3500000
```

Like operation:

SQL-CSE530	>SELEC	Γ *FRON	1 studer	nts_in WHERE	branch LIKE	'CSE%';
NAME	R_NO	BRANC	BLOCK	FEE		
Jagadeesh	530	CSE	В	2500000		
Anees	553	CSE	В	2200000		
Balaji	510	CSE	Α	2200000		
Baba	509	CSE	Α	2900000		
Tauheed	547	CSE	Α	3500000		

```
SQL-CSE530>SELECT *FROM students in WHERE bLOCK LIKE 'B%';
NAME
         R NO BRANC BLOCK
                              FEE
Jagadeesh 530 CSE B 2500000
        553 CSE B
                          2200000
Anees
SQL-CSE530>SELECT *FROM students_in WHERE bLOCK LIKE 'A%';
        R NO BRANC BLOCK
NAME
                              FEE
       510 CSE
Balaji
                   A 2200000
Baba
        509 CSE
                           2900000
Tauheed 547 CSE
                   Α
                           3500000
```

Exists operation:

```
SQL-CSE530>SELECT *FROM students_in WHERE EXISTS (SELECT name FROM students_in);
         R_NO BRANC BLOCK
                                FEE
Jagadeesh 530 CSE B
                             2500000
        553 CSE B
Anees
                            2200000
         510 CSE A
Balaji
                             2200000
Baba
         509 CSE A
                             2900000
Tauheed
        547 CSE A
                             3500000
Tarun
         547
                             3500000
Mani
         549
                             3900000
Rehan
         554
                             3900000
8 rows selected.
```