EXPERIMENT-5

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

Creating a table

```
C##547>CREATE TABLE students_in (
2 name varchar2(10) not null,
3 r_no varchar(5) not null,
4 branch varchar2(5) null,
5 block varchar2(6) null,
6 fee number not null,
7 primary key(name)
8 )
9 /
Table created.
```

Inserting values:

```
C##547>INSERT INTO students_in VALUES('tauheed',547,'cse','B',2500000);
1 row created.
C##547>INSERT INTO students_in VALUES('jagadeesh',530,'cse','B',2200000);
1 row created.
C##547>INSERT INTO students_in VALUES('rehan',554,'cse','A',2400000);
1 row created.
C##547>INSERT INTO students_in VALUES('neha',559,'cse','B',3000000);
1 row created.
C##547>INSERT INTO students_in VALUES('navya',555,'cse','A',2900000);
1 row created.
C##547>INSERT INTO students_in VALUES('naveen',555,'','',2100000);
1 row created.
C##547>INSERT INTO students_in VALUES('mani',549,'','',2900000);
1 row created.
C##547>INSERT INTO students_in VALUES('balaji',510,'','',2300000);
1 row created.
```

Is Null operation:

```
C##547>select * from students_in;
NAME
          R_NO BRANC BLOCK
                                  FEE
tauheed 547
               cse
                     В
                               2500000
jagadeesh 530
               cse
                    В
                               2200000
rehan
          554 cse A
                              2400000
         559 cse
neha
                    В
                              3000000
          555
                               2900000
navya
               cse
         555
                              2100000
naveen
mani
         549
                              2900000
balaji
        510
                              2300000
8 rows selected.
C##547>select * from students_in where branch is null;
NAME
          R_NO BRANC BLOCK
                                  FEE
          555
                               2100000
naveen
mani
          549
                               2900000
balaji
          510
                              2300000
```

Is not null operation:

C##547>select * from students_in where branch is not null;										
NAME	R_NO	BRANC	BLOCK	FI	EE 					
tauheed jagadeesh rehan neha navya	547 530 554 559 555	cse cse cse cse	B B A B	25000 22000 24000 30000 29000	00 00 00					

Between operation:

```
C##547>select * from students_in where fee between 2000000 and 3000000;
NAME
          R_NO BRANC BLOCK
                                   FEE
tauheed
          547
                      В
                               2500000
                cse
jagadeesh 530 cse
                      В
                               2200000
rehan
          554 cse A
                               2400000
neha
          559 cse B
                               3000000
navya
          555 cse A
                               2900000
naveen
          555
                               2100000
mani
          549
                               2900000
balaji
          510
                               2300000
8 rows selected.
C##547>select * from students_in where fee between 2500000 and 3500000;
NAME
          R_NO BRANC BLOCK
                                   FEE
tauheed
          547
                      В
                               2500000
                cse
          559
                               3000000
neha
                      В
                cse
navya
          555
                      Α
                               2900000
                cse
mani
          549
                               2900000
```

Like operation:

C##547>select * from students_in where branch like 'cse%';										
NAME	R_NO	BRANC	BLOCK	FI	EE 					
tauheed jagadeesh rehan neha navya	547 530 554 559 555	cse cse cse cse	В В А В	250000 220000 240000 300000 290000	90 90 90					

```
C##547>select * from students_in where block like 'B%';
NAME
                 BRANC BLOCK
           R_NO
                                      FEE
tauheed
           547
                                  2500000
                       В
                 cse
jagadeesh
           530
                                  2200000
                 cse
                       В
neha
           559
                                  3000000
                 cse
C##547>select * from students_in where block like 'A%';
NAME
           R_NO
                 BRANC BLOCK
                                      FEE
rehan
           554
                                  2400000
                       Α
                 cse
           555
                                  2900000
navya
                 cse
                       Α
```

Exists operation:

```
C##547>SELECT * FROM students_in where exists (select name from students_in)
NAME
           R_NO BRANC BLOCK
                                     FEE
           547
                                 2500000
tauheed
                 cse
                       В
jagadeesh 530
                 cse
                       В
                                 2200000
rehan
           554
                 cse
                       Α
                                 2400000
neha
           559
                                 3000000
                 cse
                       В
           555
                                 2900000
navya
                 cse
                       Α
                                 2100000
naveen
           555
           549
mani
                                 2900000
balaji
           510
                                 2300000
8 rows selected.
```