

## 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	B	2500000
jagadeesh	530	cse	B	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 branch is null;
```

NAME	R_NO	BRANC	BLOCK	FEE
naveen	555			2100000
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	FEE
tauheed	547	cse	B	2500000
jagadeesh	530	cse	B	2200000
rehan	554	cse	A	2400000
neha	559	cse	B	3000000
navya	555	cse	A	2900000

**Between operation :**

```
C##547>select * from students_in where fee between 2000000 and 3000000;
```

NAME	R_NO	BRANC	BLOCK	FEE
tauheed	547	cse	B	2500000
jagadeesh	530	cse	B	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	cse	B	2500000
neha	559	cse	B	3000000
navya	555	cse	A	2900000
mani	549			2900000

## Like operation:

```
C##547>select * from students_in where branch like 'cse%';
```

NAME	R_NO	BRANC	BLOCK	FEE
tauheed	547	cse	B	2500000
jagadeesh	530	cse	B	2200000
rehan	554	cse	A	2400000
neha	559	cse	B	3000000
navya	555	cse	A	2900000

```
C##547>select * from students_in where block like 'B%';
```

NAME	R_NO	BRANC	BLOCK	FEE
tauheed	547	cse	B	2500000
jagadeesh	530	cse	B	2200000
neha	559	cse	B	3000000

```
C##547>select * from students_in where block like 'A%';
```

NAME	R_NO	BRANC	BLOCK	FEE
rehan	554	cse	A	2400000
navya	555	cse	A	2900000

## Exists operation :

```
C##547>SELECT * FROM students_in where exists (select name from students_in) ;
```

NAME	R_NO	BRANC	BLOCK	FEE
tauheed	547	cse	B	2500000
jagadeesh	530	cse	B	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.
```