

EXPERIMENT-6

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;
```

NAME	R_NO	BRANC	BLOCK	FEE
Jagadeesh	530	CSE	B	2500000
Anees	553	CSE	B	2200000
Balaji	510	CSE	A	2200000
Baba	509	CSE	A	2900000
Tauheed	547	CSE	A	3500000
Tarun	547			3500000
Mani	549			3900000
Rehan	554			3900000

8 rows selected.

```
SQL-CSE530>SELECT *FROM students_in WHERE branch IS NULL;
```

NAME	R_NO	BRANC	BLOCK	FEE
Tarun	547			3500000
Mani	549			3900000
Rehan	554			3900000

Is not null operation :

```
SQL-CSE530>SELECT *FROM students_in WHERE branch IS NOT NULL;
```

NAME	R_NO	BRANC	BLOCK	FEE
Jagadeesh	530	CSE	B	2500000
Anees	553	CSE	B	2200000
Balaji	510	CSE	A	2200000
Baba	509	CSE	A	2900000
Tauheed	547	CSE	A	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
Anees	553	CSE	B	2200000
Balaji	510	CSE	A	2200000
Baba	509	CSE	A	2900000

```
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>SELECT *FROM students_in WHERE branch LIKE 'CSE%';
```

NAME	R_NO	BRANC	BLOCK	FEE
Jagadeesh	530	CSE	B	2500000
Anees	553	CSE	B	2200000
Balaji	510	CSE	A	2200000
Baba	509	CSE	A	2900000
Tauheed	547	CSE	A	3500000

```
SQL-CSE530>SELECT *FROM students_in WHERE block LIKE 'B%';
```

NAME	R_NO	BRANC	BLOCK	FEE
Jagadeesh	530	CSE	B	2500000
Anees	553	CSE	B	2200000

```
SQL-CSE530>SELECT *FROM students_in WHERE block LIKE 'A%';
```

NAME	R_NO	BRANC	BLOCK	FEE
Balaji	510	CSE	A	2200000
Baba	509	CSE	A	2900000
Tauheed	547	CSE	A	3500000

Exists operation :

```
SQL-CSE530>SELECT *FROM students_in WHERE EXISTS (SELECT name FROM students_in);
```

NAME	R_NO	BRANC	BLOCK	FEE
Jagadeesh	530	CSE	B	2500000
Anees	553	CSE	B	2200000
Balaji	510	CSE	A	2200000
Baba	509	CSE	A	2900000
Tauheed	547	CSE	A	3500000
Tarun	547			3500000
Mani	549			3900000
Rehan	554			3900000

```
8 rows selected.
```