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Roll no-42

Experiment no-5a

Program-

```
create table first(  
ID number(10),  
Name char(100)  
);  
create table second(  
ID number(10),  
Name char(100)  
);  
INSERT INTO first VALUES (1,'Abhi');  
INSERT INTO first VALUES (2,'Adam');  
INSERT INTO second VALUES (2,'Adam');  
INSERT INTO second VALUES (3,'Chester');  
select * from first  
UNION ALL  
select * from second ;
```

```
select * from first  
INTERSECT  
select * from second ;
```

```
select * from first  
MINUS  
select * from second;
```

Output-

ID	NAME
1	Abhi
2	Adam
2	Adam
3	Chester

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4 rows selected.

ID	NAME
2	Adam

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ID	NAME
1	Abhi

Comparison Operators-

Table Created-

```
create table suppliers (  
supplier_id number(10),  
supplier_name char(100),  
city char(100),  
state char(100)
```

```
);
INSERT INTO suppliers VALUES (100,'Microsoft','Redmond','Washington');
INSERT INTO suppliers VALUES (200,'Google','Mountain View','California');
INSERT INTO suppliers VALUES (300,'Oracle','Redwood City','California');
INSERT INTO suppliers VALUES (400,'Kimberly-Clark','Irving','Texas');
INSERT INTO suppliers VALUES (500,'Tyson Foods','Springdale','Arkansas');
INSERT INTO suppliers VALUES (600,'SC Johnson','Racine','Wisconsin');
INSERT INTO suppliers VALUES (700,'Dole Food Company','Westlake Village','California');
INSERT INTO suppliers VALUES (800,'Flowers Foods','Thomasville','Georgia');
INSERT INTO suppliers VALUES (900,'Electronic Arts','Redwood City','California');
```

Program-

```
SELECT *
FROM suppliers
WHERE supplier_name = 'Microsoft';
SELECT *
FROM suppliers
WHERE supplier_name != 'Microsoft';
SELECT *
FROM suppliers
WHERE supplier_id >= 600;
SELECT *
FROM suppliers
WHERE supplier_id <= 600;
```

Output-

SUPPLIER_ID	SUPPLIER_NAME	CITY	STATE
1	SUPPLIER_ID	SUPPLIER_NAME	CITY
2	SUPPLIER_ID	SUPPLIER_NAME	CITY
SUPPLIER_ID	SUPPLIER_NAME	CITY	STATE
100	Microsoft	Redmond	Washington
200	Google	Mountain View	California
300	Oracle	Redwood City	California
400	Kimberly-Clark	Irving	Texas
500	Tyson Foods	Springdale	Arkansas
600	SC Johnson	Racine	Wisconsin

LOGICAL OPERATORS

Program-

```
CREATE TABLE EMPLOYEE
```

```
(emp_id number(20),
```

```
emp_name char(20),
```

```
Email char(100),
```

```
Address char(200)
```

```
);
```

```
INSERT INTO EMPLOYEE values( 1 , 'ravi' , 'ravisharma@gmail.com' , ' bea avenue ');
```

```
INSERT INTO EMPLOYEE values( 2 , 'raj' , 'rajsangvi@gmail.com' , 'twenth street');
```

```
INSERT INTO EMPLOYEE values( 3 , 'ankit' , 'ankitsangvi@gmail.com' , 'holam street');
```

```
INSERT INTO EMPLOYEE values( 4 , 'ankush' , 'ankushsawnani@gmail.com' , 'wall street');
```

```
SELECT * FROM EMPLOYEE
```

```
WHERE emp_id = 2 AND Address = 'twenth street';
```

SELECT * FROM EMPLOYEE

WHERE emp_id = 1 OR Address = 'twenth street';

SELECT * FROM EMPLOYEE

WHERE NOT emp_id = 1;

Output-

EMP_ID	EMP_NAME	EMAIL	ADDRESS
2	raj	rajsangvi@gmail.com	twenth street

EMP_ID	EMP_NAME	EMAIL	ADDRESS
1	ravi	ravisharma@gmail.com	bea avenue
2	raj	rajsangvi@gmail.com	twenth street

EMP_ID	EMP_NAME	EMAIL	ADDRESS
2	raj	rajsangvi@gmail.com	twenth street
3	ankit	ankitsangvi@gmail.com	holam street
4	ankush	ankushsawnani@gmail.com	wall street

Special Operators-

Program-

SELECT * FROM EMPLOYEE WHERE emp_id BETWEEN 1 AND 3;

SELECT emp_id,Address FROM EMPLOYEE WHERE Address IS NOT NULL;

SELECT * FROM EMPLOYEE WHERE emp_id IN (1,2,4);

SELECT * FROM EMPLOYEE WHERE emp_id > ANY (select emp_id from EMPLOYEE WHERE emp_id = 1); SELECT * FROM EMPLOYEE WHERE emp_name LIKE 'a_%';

Output-

EMP_ID	EMP_NAME	EMAIL	ADDRESS
1	ravi	ravisharmaggmail.com	bea avenue
2	raj	rajsangvig@gmail.com	twenth street
3	ankit	ankitsangvig@gmail.com	holam street

Download CSV

3 rows selected.

EMP_ID	ADDRESS
1	bea avenue
2	twenth street
3	holam street
4	wall street

