EXPERIMENT-4

AIM : To create/perform relational set operations(i.e UNION UNIONALL, INTERSECT, MINUS, CROSS JOIN, NATURAL JOIN.)

Creating tables:

```
C##547>CREATE TABLE information (
  2  name VARCHAR(10) NOT NULL,
  3  roll_no NUMBER NOT NULL,
  4  dept VARCHAR(10) NOT NULL,
  5  year NUMBER,
  6  block VARCHAR(8),
  7  PRIMARY KEY(roll_no)
  8  );

Table created.
```

Inserting values into **personal_data** table :

```
C##547>INSERT INTO personal_data VALUES('TAUHEED',19,'male','student',250000
);

1 row created.

C##547>INSERT INTO personal_data VALUES('VENKAT',20,'male','dentist',350000)
;

1 row created.

C##547>INSERT INTO personal_data VALUES('BASHA',18,'male','driver',150000);

1 row created.

C##547>INSERT INTO personal_data VALUES('BABA',17,'male','owner',350000);

1 row created.
```

Inserting values into **information** table :

```
C##547>INSERT INTO information VALUES('baba',509,'CSE',4,'A');

1 row created.

C##547>INSERT INTO information VALUES('tauheed',547,'CSE',1,'A');

1 row created.

C##547>INSERT INTO information VALUES('jagadeesh',530,'CSE',1,'B');

1 row created.

C##547>INSERT INTO information VALUES('balaji',510,'CSE',2,'main');

1 row created.

C##547>INSERT INTO information VALUES('neha',559,'CSE',1,'c');

1 row created.
```

Union operation :

```
C##547>select name from personal_data
  2   union
  3   select name from information;

NAME
----------
BABA
BASHA
TAUHEED
VENKAT
baba
tauheed
jagadeesh
balaji
neha

9 rows selected.
```

Union all operation :

```
C##547>select name from personal_data
  2  union all
  3  select name from information;

NAME
----------
BABA
BASHA
TAUHEED
VENKAT
baba
tauheed
jagadeesh
balaji
neha

9 rows selected.
```

Intersect operation :

```
C##547>select name from personal_data
  2  intersect
  3  select name from information;

no rows selected
```

Minus operation :

```
C##547>select name from personal_data
  2   minus
  3   select name from information;

NAME
----------
BABA
BASHA
TAUHEED
VENKAT
```