Independent and corelded Nested Queries.

Aim:- To implement and understand Nested Queries in SQL. including independent and converted sub Queries.

Procedure:

1. Create required tables (eg. mobile phones brands, redme
2. Insert sample data
3. write and execute independent nested queries
4. write and execute corelated method queries.
5. Observe and analyze in execution and result

Syntax:

SELECT column-list
   FROM table
   WHERE - column OPERATOR C SELECT column
      FROM Table WHERE condition.

1. Independent
   Find mobile phones who belong to the same
a Brand as Realme

   SELECT mobile Name

```
FROM Mobile Phones
WHERE Phone ID = C
SELECT Phone ID
    WHERE mobile phone Name = "Redme"
);
```

Explanation:

- Inner query: gets Redme phone ID (say: a)
- Oures query: finds all mobile with brand
                    ID = 101

Output:-
Redme
Redme

2. Corraelated Nested Queries.
   Syntax:

```
SELECT  Column : list
    FROM table
    WHERE : EXISTSS

    SELECT :
    FROM TABLE
    WHERE condition : column its column
);
```

Find mobile phone who have purchase in
    least one brand.

```sql
SELECTS: Mobile Name
    FROM Mobile's
    WHERE EXISTS C.
        SELECT S
        FROM Purchases
    WHERE mobile Phone JD = mobile brand
    );
```

Output

Redme
Redmi
Vivo
Iquoo

Result! Thus the Implimentation of Sql Commards using independent and courelated nested Queues is executed successfully.