Independent and correlated Nested queries

Aim:

To implement and understand Nested Queries in SQL.

Procedure:

1. create required tables (Doctor, Appointment, Patient)

2. Insert sample data

3. Write and execute independed nested queries.

4. Write and execute correlated nested queries

5. observe and analyse the differences in execution and results

Types of Nested queries

1.) Independent (simple) Nested Queries.

Syntax:

select column_list
From table
where column operator (select column
from table where condition):

Eg:

Select DoctorName
From ~~stude~~ Doctor
where DeptID = (select depID from

Answer output

sharma

Syntax:

```
select column.list
From table1 t1
where existed(
    select 1
    from table2 t2
    where condition including t1.column =
t2.(column);
```

Eg:

```
SELECT d. DoctorName
from Doctor d
where exists(
    select 1
    from department d Appoiluent a
    where a.dotor ID = d.doctorID
```

Result:

thus implemented and understood

Nested queries in sql.