

Day 3

Task 06-08-25

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task is to create two tables in sql

1.conference room table with conf room name.seating capacity

2.tree table with tree names and its details then join them and fetch the values via linq and print the results in console. you can use linq

sql query:

```
create database conference;
```

```
use conference;
```

```
CREATE TABLE ConferenceRoom (  
    RoomId INT PRIMARY KEY,  
    RoomName NVARCHAR(100),  
    SeatingCapacity INT  
);
```

```
CREATE TABLE Tree (  
    TreeId INT PRIMARY KEY,  
    TreeName NVARCHAR(100),  
    TreeDetails NVARCHAR(255),  
    RoomId INT REFERENCES ConferenceRoom(RoomId)  
);
```

```
select * from ConferenceRoom;
```

```
INSERT INTO ConferenceRoom (RoomId, RoomName, SeatingCapacity)
```

```
VALUES
```

```
(1, 'Rose', 20),
```

```
(2, 'Lily', 15),
```

```
(3, 'Daisy', 25);
```

```
INSERT INTO Tree (TreeId, TreeName, TreeDetails, RoomId)
```

```
VALUES
```

```
(101, 'Maple', 'Beautiful fall colors', 1),
```

```
(102, 'Pine', 'Evergreen tree', 2),
```

```
(103, 'Mango', 'Fruit-bearing tree', 3);
```

Linq command

```
from room in Conferencerooms
    join tree in Trees
    on room.RoomId equals tree.RoomId
select new
{
    RoomName = room.RoomName,
    Capacity = room.SeatingCapacity,
    Tree = tree.TreeName,
    Details = tree.TreeDetails
}
```

Output

^ EntityQueryable<> (3 items) ...			
RoomName	Capacity	Tree	Details
Rose	20	Maple	Beautiful fall colors
Lily	15	Pine	Evergreen tree
Daisy	25	Mango	Fruit-bearing tree
	60		