CTE within a CTE

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Is it possible to write a CTE within a CTE?

I want it to follow this logic, but the interpreter doesn't like this code.



 \star 10

```
with outertest as(
   with test as (
        select
            SRnum,
            gamenumber,
            StartOfDistribution,
            ApplicationNumber
        from #main
        where startofdistribution = '2011-06-14 00:00:00.000'
        and SRnum = '313'
        --order by SRnum, gamenumber, StartOfDistribution, ApplicationNumber
    select
        ApplicationNumber
        ,count(*) as RetailerAppearance
    from test
    group by ApplicationNumber
   having count(*) = 4
) select count(*) from outertest
        sgl-server
                   tsql
```

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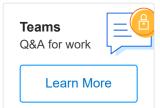
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You can't nest CTEs like that in SQL Server but you can use multiple CTEs the following way:

70



edited Sep 11 '13 at 11:21

answered Sep 10 '13 at 20:50



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What I mean is running the two nested CTEs together at the same time e.g. with cte1 as (query1), cte2 as (query2) select * from cte1, select * from cte2. But I know that's not the case, CTEs are not designed to perform the aforementioned operation. I managed to find another way around this and it was Tableau. — Naufal Aug 23 '18 at 15:52

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