

```

--1. common table expressions
use AdventureWorks2014
go
--2. define the common table expression
--3. this table expression can be queried like a regular table
--3. be sure to highlight everything, including the query down below the CTE
--4. when running this code
With SalesOrderSummary (SalesOrderID, TotalQuantity, TotalSales)
as
(
    Select SalesOrderID,
           Sum(OrderQty) as TotalQuantity,
           Sum(LineTotal) as TotalSales
    from Sales.SalesOrderDetail
    group by SalesOrderID
)

Select SalesOrderID,
       TotalQuantity,
       Format(TotalSales, 'C')
       from SalesOrderSummary
       where SalesOrderID=43659

```