**Worst Simple**

**Proposition - The retirement status of all employees, assuming that the age for retirement is 65.​**

-- The retirement (65+) year & status of all employees

use AdventureWorks2014

select e.NationalIDNumber, e.BirthDate, datediff(year, e.BirthDate, SYSDATETIME()) as age,

year(DATEADD(year, 65-datediff(year, e.BirthDate, SYSDATETIME()), SYSDATETIME())) as retirementYear,

case

when datediff(year, e.BirthDate, SYSDATETIME()) >= 65 then 'Eligible'

else 'Not Eligible'

end as retirementStatus

from HumanResources.Employee as e

order by retirementYear;

**Worst Medium**

--Abida

--Proposition - displays all the customer's information such as the CustomerId, OrderDate, and RequiredDate;

use [Northwinds2019TSQLV5]​

SELECT C.CustomerId, A.Orderid, A.orderdate, A.RequiredDate​

FROM [Sales].[Customer] AS C​

CROSS APPLY​

(SELECT TOP (3) Orderid, EmployeeId, OrderDate, RequiredDate​

FROM [Sales].[Order] AS O​

WHERE O.CustomerId = C.CustomerId​

ORDER BY orderdate DESC, orderid DESC) AS A;​

**Worst Complex**

Durga

--listing all employees who helped the orders and their total sales. ​

use Northwinds2019TSQLV5;​

select E.employeeID​

, [dbo].getFullName(E.EmployeeFirstName,E.EmployeeLastName) as [Full Name]​

, O.orderid, O.OrderDate​

, OD.ProductId​

, OD.UnitPrice

, OD.Quantity​

, OD.DiscountPercentage​

, [dbo].totalDiscountedPrice(OD.UnitPrice,OD.Quantity, OD.DiscountPercentage) as TotalSalesAfterDiscount​

from [HumanResources].[Employee] as E

inner join [Sales].[Order] as O​

on E.EmployeeId = O.EmployeeId​

inner join [Sales].[OrderDetail] as OD​

on O.orderid = OD.orderid​

group by E.employeeID,​

[dbo].getFullName(E.EmployeeFirstName,E.EmployeeLastName),​

O.orderid, O.OrderDate, OD.ProductId,OD.UnitPrice,OD.Quantity, OD.DiscountPercentage,​

[dbo].totalDiscountedPrice(OD.UnitPrice,OD.Quantity, OD.DiscountPercentage)

order by orderdate desc