--1.Найти ProductSubcategoryID из Production.Product, где мин вес такого ProductSubcategoryID больше 150.

select ProductSubcategoryID from Production.Product

group by ProductSubcategoryID

having min([Weight])>150

--2. Найти самый дорогой продукт (поле StandardCost) из Production.Product. (4 способа)

Select distinct [ProductID], [Name] from [Production].[Product]

where StandardCost in (Select max(StandardCost) max\_weight from Production.Product);

Select top 1 with ties ProductID,[Name], rank() over (order by [StandardCost] desc) maxcost

from [Production].[Product]

order by maxcost;

Select ProductID,[Name]

from (Select ProductID,[Name], StandardCost, first\_value([StandardCost]) over(order by [StandardCost] desc) maxcost

from [Production].[Product]) t

where StandardCost=maxcost;

Select ProductID,[Name]

from (Select ProductID,[Name], StandardCost, max([StandardCost]) over(order by [StandardCost] desc) maxcost

from [Production].[Product]) t

where StandardCost=maxcost;

Select t1.ProductID, t1.[Name] from [Production].[Product] t1

join

(select max(StandardCost) maxcost from [Production].[Product]) t2

on [StandardCost]=maxcost;

--3. Найти заплывы, для которых не указан бассейн

Use SWIMMING\_Comp

go

Select [CompID] from [dbo].[Competitions] comp

left join [dbo].[SwimPools] pools on comp.[PoolID]=pools.[PoolID]

where pools.[PoolID] is null;

--4. Найти для каждого судьи кол-во проведенных судейств за последние 15 лет. (схема GROUP1)

Select FirstName, Lastname, count(competitionid) from Judges

join bridge on Judges.judgeid=bridge.judgeid

join competition on competitionid=competition\_id

where data between year(getdate)-4 and year(getdate)

group by FirstName, Lastname;

--5.

Select category from Notifications join Users on Users.id=user\_id

where

group by Users.id

having count(