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

SELECT [ProductSubcategoryID], [Weight]

FROM [Production].[Product]

WHERE [Weight]>150

ORDER BY [Weight]

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

--1)

SELECT Name, [StandardCost]

FROM [Production].[Product]

WHERE [StandardCost]=(SELECT MAX([StandardCost])

FROM [Production].[Product])

--2)

SELECT TOP 1 WITH TIES Name, [StandardCost]

FROM [Production].[Product]

ORDER BY [StandardCost] DESC

--3) Используя функцию MAX + оконная функция

--4) Ранжирующая функция

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

SELECT Competition\_id, Location\_name

FROM Competition c JOIN Location l ON c.Location\_id=l.Location\_id

WHERE Location\_name IS NULL

-- 4.Найти для каждого судьи кол-во проведенных судейств за последние 15 лет

SELECT FirstName, LastName, COUNT(jc.[Competition\_id])

FROM [dbo].[Judges] j LEFT JOIN [dbo].[Bridge\_Competition\_Judge] jc on j.[Judge\_id]=jc.[Judge\_id]

LEFT JOIN [dbo].[Competition] c on jc.[Competition\_id]=c.[Competition\_id]

WHERE YEAR(Date) BETWEEN YEAR(GETDATE())-15 AND YEAR(GETDATE())

GROUP BY FirstName, LastName