ПРАКТИЧЕСКАЯ РАБОТА №5

use AdventureWorks2017

--Задание1

SELECT ProductSubcategoryID, MIN(Weight) as min\_Weight

from Production.Product

group by ProductSubcategoryID

HAVING MIN(Weight) > 150

--Задание2

--1.

SELECT TOP 1 WITH TIES Name, StandardCost

FROM Production.Product

ORDER BY StandardCost DESC

--2.

SELECT Name, StandardCost

FROM (

SELECT StandardCost, Name,

RANK() OVER (ORDER BY StandardCost DESC) as RNK

FROM Production.Product

) t

WHERE RNK = 1

--3.

SELECT ProductID, StandardCost

FROM (

SELECT ProductID, StandardCost, MAX(StandardCost) OVER () AS MAX\_COST

FROM Production.Product

) T

WHERE StandardCost = MAX\_COST

--4

SELECT Name, StandardCost

FROM Production.Product

WHERE StandardCost = (SELECT MAX(StandardCost)

FROM Production.Product)

--Задание 3

SELECT c.Name, c.CustomerID

FROM DimCustomers c LEFT JOIN (SELECT CustomerID FROM FctOrders

WHERE RentDate >= DATEADD(YEAR, -1, GETDATE())) t

ON c.CustomerID = t.Customer

WHERE t.Customer IS NULL

--Задание 4

SELECT FullName, count(\*) as cnt

FROM DimEmployees e LEFT JOIN FctMaintenance m ON E.EmployeeNumber = M.E.EmployeeNumber

WHERE StartDate > DateADD(YEAR, -5, GETDATE())

GROUP BY FullName

--Задание 5

CREATE TABLE Users (

id bigint NOT NULL,

email varchar(255) NOT NULL

);

CREATE TABLE Notifications (

id bigint NOT NULL,

user\_id bigint NOT NULL,

category varchar(100),

is\_read boolean DEFAULT false

);

SELECT category

FROM Notifications n LEFT JOIN users u ON n.id = u.user\_id

WHERE u.email = 'alex@gmail.com' AND is\_read = false

GROUP BY category

HAVING count(n.Id) > 50