Task 4 from Test

**Hospital**

Department (id, name, employees, location, diagnosis)

Employee (id, full name, position\_id, date of birth, qualification, department)

Patient (id, full name, id\_passport, date of birth, date of admission, date of discharge, diagnosis, department, employee, procedures, medications)

Procedures (id, name, employee, number of times)

Diagnoses (id, name, department, medications)

Medications (id, name, quantity, diagnosis)

Positions (id, title, employee, department)

Tasks:

1. Find patients of doctor “Doctor's name” who stay in department 01 with diagnosis 01 for more than month.

2. Determine which department has the largest number of nurses.

Task 3 from HW. I couldn’t group it by Year:

SELECT YEAR([EndDate]) as Year, [January], [February], [December]

FROM

(SELECT [OrderQty], [EndDate], case when month([EndDate])=01 then 'January'

WHEN month([EndDate])=02 then 'February'

WHEN month([EndDate])=12 then 'December'

end as Month

FROM [Production].[WorkOrder]

where month([EndDate])=01 or month([EndDate])=02 or month([EndDate])=12

) AS SourceTable

PIVOT

(

SUM([OrderQty])

FOR Month IN ([January], [February], [December])

) AS PivotTable