МИНОБОРНАУКИ РОССИИ

Федерального государственного бюджетного образовательное учреждение высшего образования

Костромской государственный университет

(КГУ)

Институт физико-математических и естественных наук

Кафедра защиты информации

Направление (профиль) 10.03.01 – Информационная безопасность

Дисциплина Базы Данных

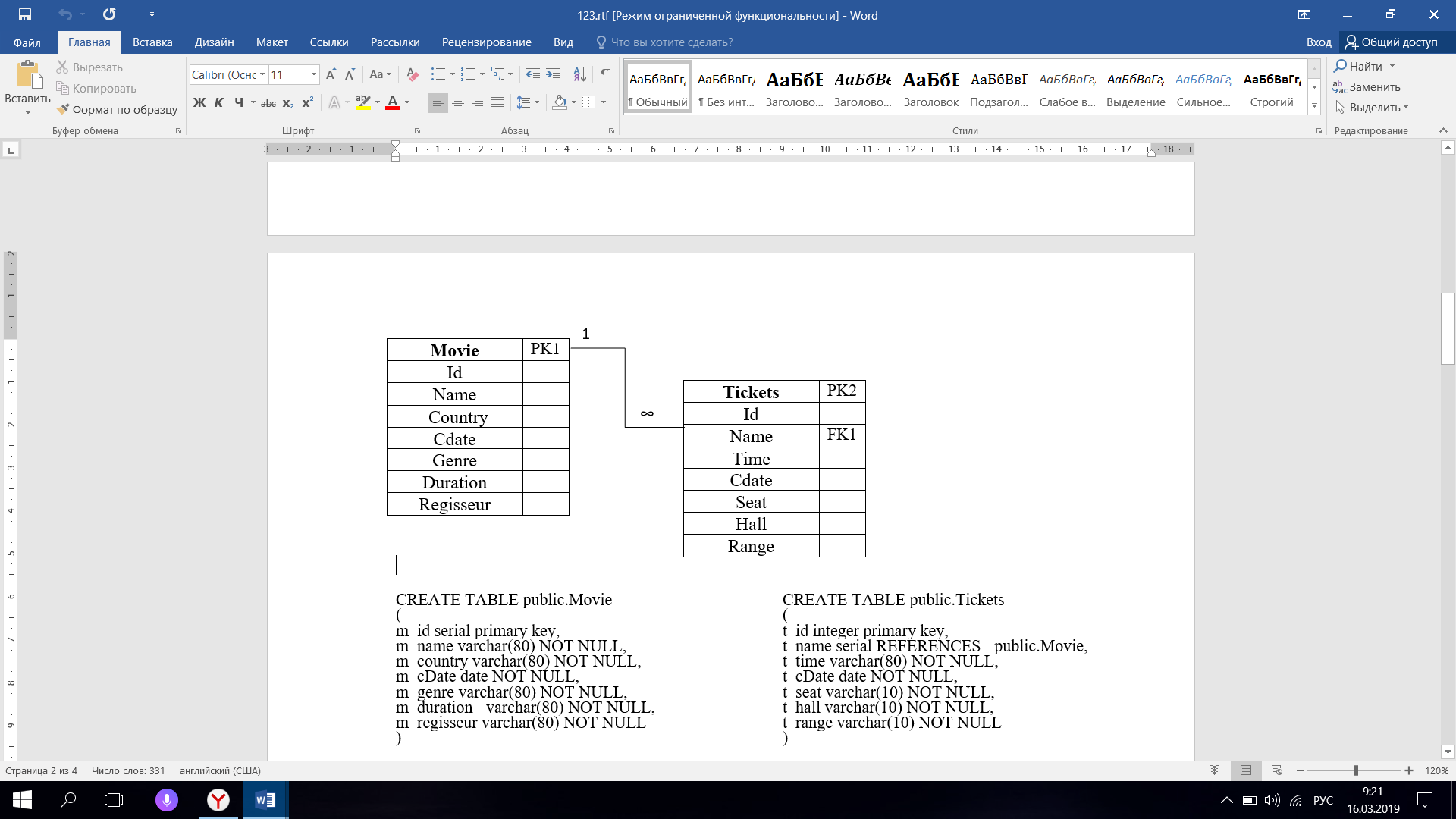
**Отчет по лабораторной работе № 1**

Выполнила\_\_\_\_\_\_\_\_\_\_Смирнова Е.А.

гр. 17-ИБ-6

Проверил\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Волков А.А

Кострома, 2019 г



|  |  |
| --- | --- |
| CREATE TABLE public.Movie  (  m\_id serial primary key,  m\_name varchar(80) NOT NULL,  m\_country varchar(80) NOT NULL,  m\_cDate date NOT NULL,  m\_genre varchar(80) NOT NULL,  m\_duration varchar(80) NOT NULL,  m\_regisseur varchar(80) NOT NULL  ) | CREATE TABLE public.Tickets  (  t\_id integer primary key,  t\_name serial REFERENCES public.Movie,  t\_time varchar(80) NOT NULL,  t\_cDate date NOT NULL,  t\_seat varchar(10) NOT NULL,  t\_hall varchar(10) NOT NULL,  t\_range varchar(10) NOT NULL  ) |

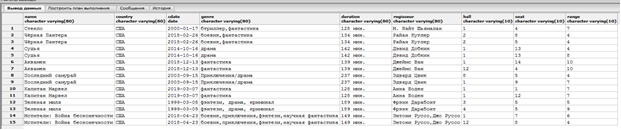
1)

select M.m\_name as name, M.m\_country as country, M.m\_cdate as cdate, M.m\_genre as genre, M.m\_duration as duration, M.m\_regisseur as regisseur,

T.t\_hall as hall, T.t\_seat as seat, T.t\_range as range

From Movie M, Tickets T

Where M.m\_id = T.t\_name and M.m\_country ='США'

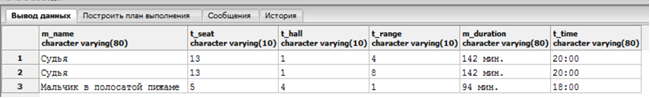


2)

select M.m\_name, T.t\_seat, T.t\_hall, T.t\_range, M.m\_duration, T.t\_time

From Movie M inner join Tickets T on M.m\_id = T.t\_name

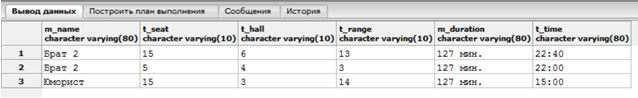
Where M.m\_genre = 'драма'



3) select M.m\_name, T.t\_seat, T.t\_hall, T.t\_range, M.m\_duration, T.t\_time

From Movie M full join Tickets T on M.m\_id = T.t\_name

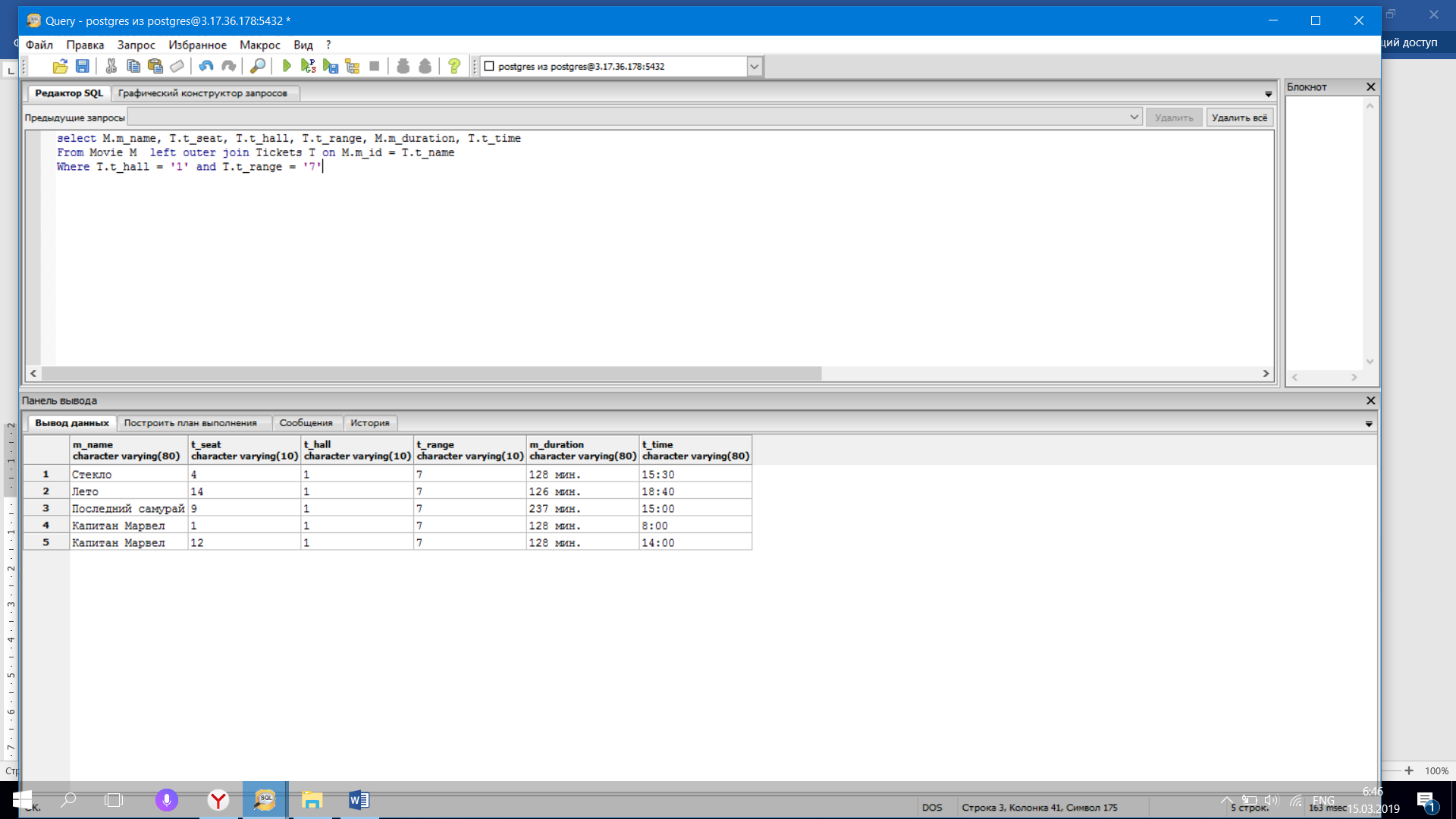
Where M.m\_duration = '127 мин.'



4) select M.m\_name, T.t\_seat, T.t\_hall, T.t\_range, M.m\_duration, T.t\_time

From Movie M left outer join Tickets T on M.m\_id = T.t\_name

Where T.t\_hall = '1' and T.t\_range = '7'

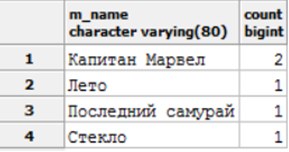


5) select M.m\_name, Count(T.t\_seat)

From Movie M left outer join Tickets T on M.m\_id = T.t\_name

Where T.t\_hall = '1' and T.t\_range = '7'

Group by M.m\_name



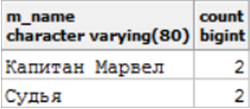
6) select M.m\_name, Count(T.t\_seat)

From Movie M left outer join Tickets T on M.m\_id = T.t\_name

Where T.t\_hall = '1'

Group by M.m\_name

Having Count(T.t\_seat) = '2'



7) select M.m\_name, Count(T.t\_seat)

From Movie M left outer join Tickets T on M.m\_id = T.t\_name

Where T.t\_range = '7'

Group by M.m\_name

Having Count(T.t\_seat) = '1'

Order by M.m\_name ASC

