**Домашнее задание №5**

a.

select t1.name as student\_name, t2.name as course\_name, t3.name as student\_college, t4.student\_rating as student\_rating

from student\_on\_course t4

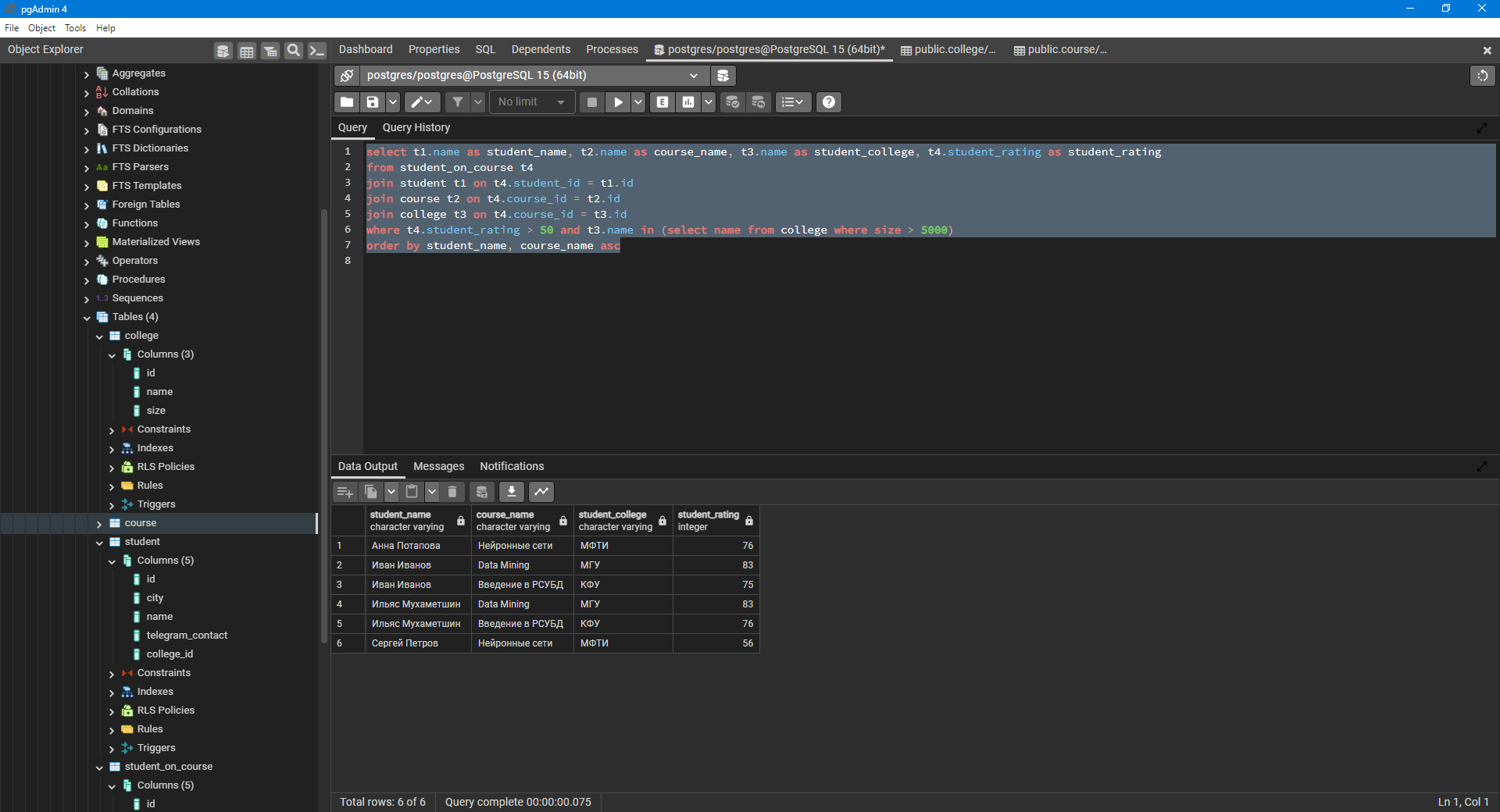
join student t1 on t4.student\_id = t1.id

join course t2 on t4.course\_id = t2.id

join college t3 on t4.course\_id = t3.id

where t4.student\_rating > 50 and t3.name in (select name from college where size > 5000)

order by student\_name, course\_name asc



b.

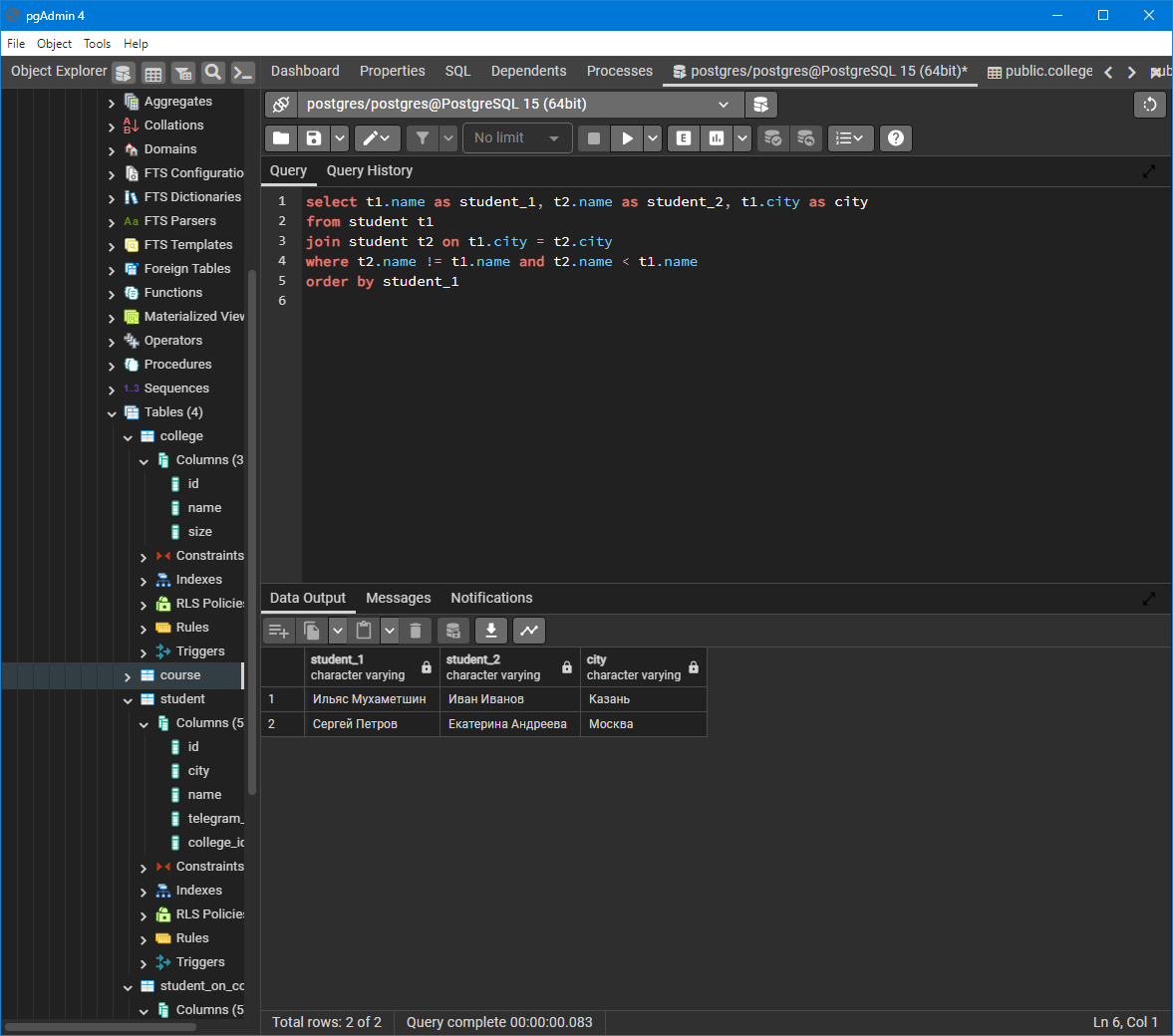
select t1.name as student\_1, t2.name as student\_2, t1.city as city

from student t1

join student t2 on t1.city = t2.city

where t2.name != t1.name and t2.name < t1.name

order by student\_1



c.

select t1.name as student\_name, t2.name as course\_date

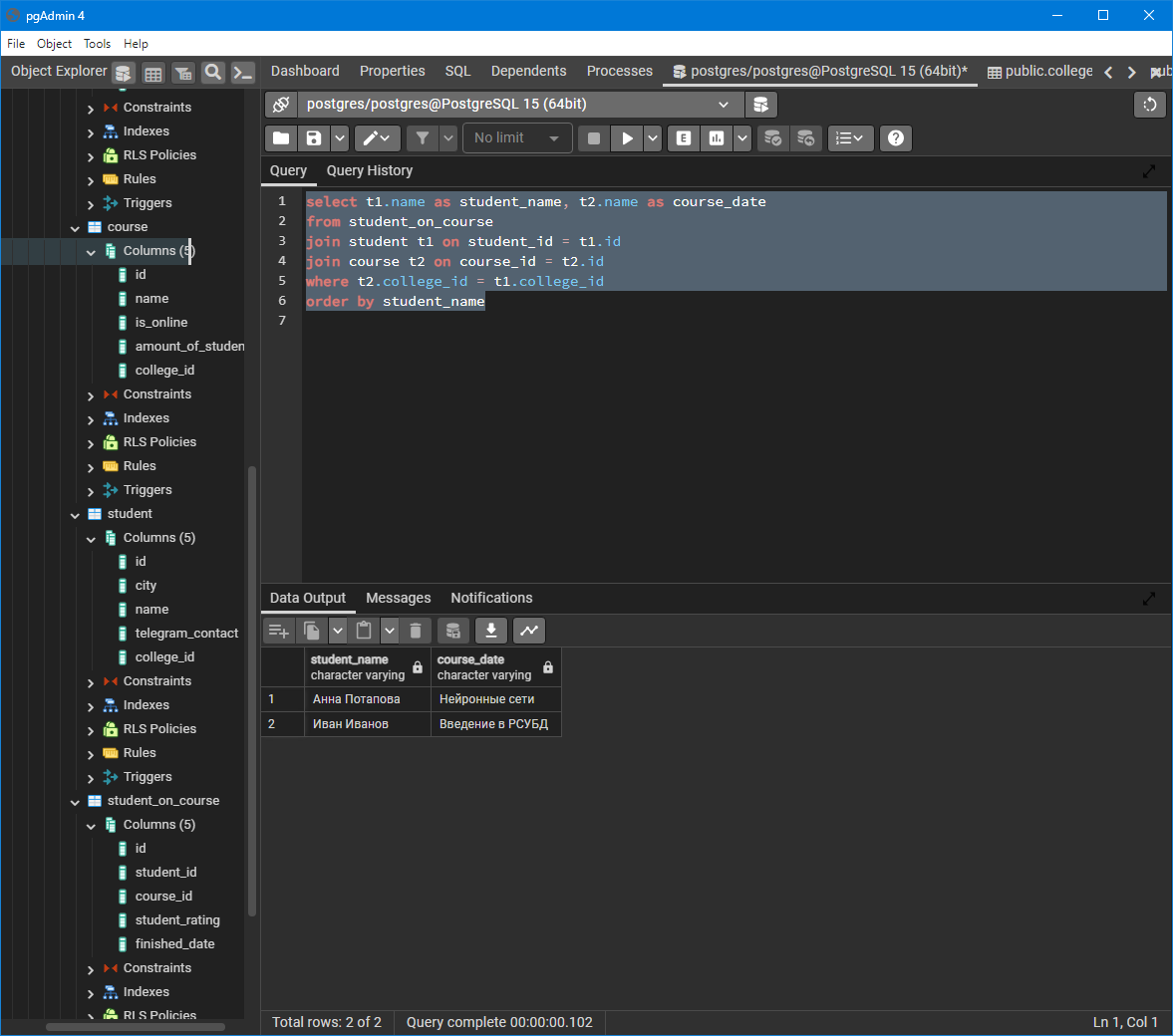
from student\_on\_course

join student t1 on student\_id = t1.id

join course t2 on course\_id = t2.id

where t2.college\_id = t1.college\_id

order by student\_name



d.

select

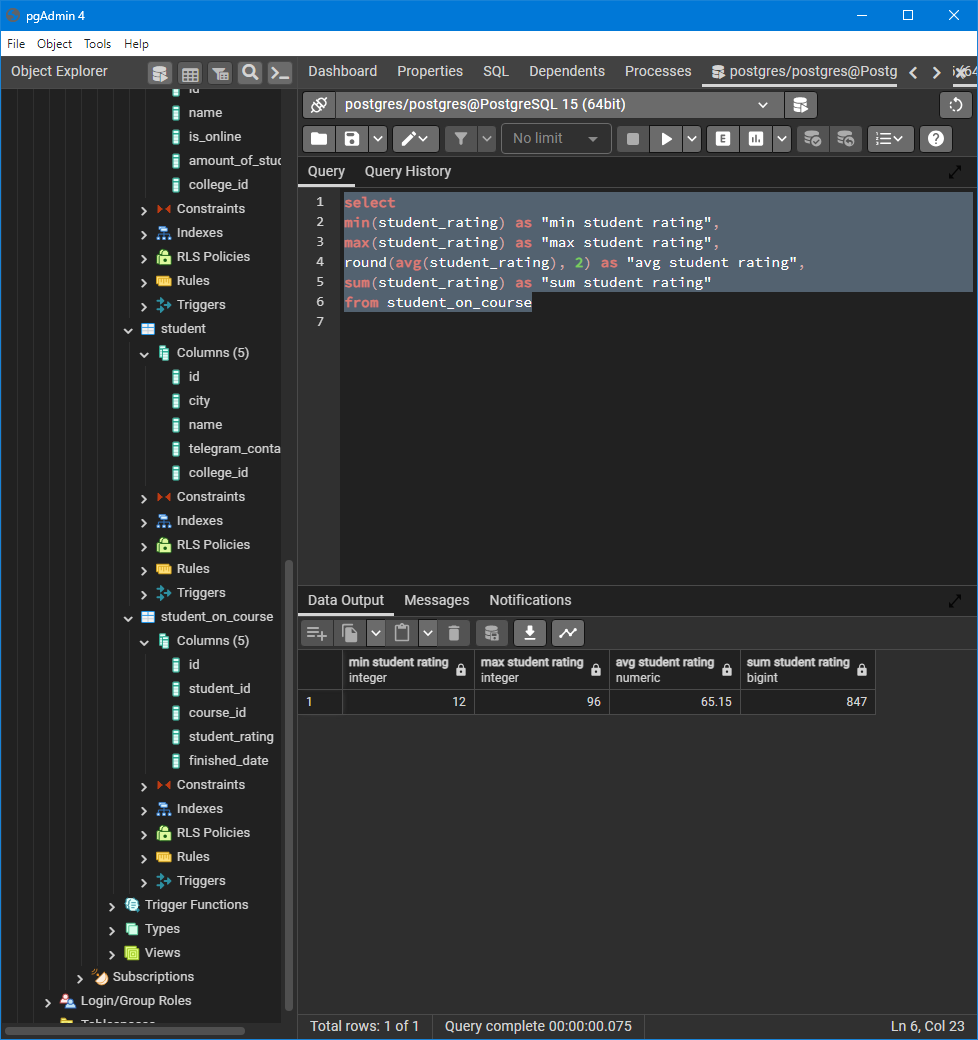
min(student\_rating) as "min student rating",

max(student\_rating) as "max student rating",

round(avg(student\_rating), 2) as "avg student rating",

sum(student\_rating) as "sum student rating"

from student\_on\_course



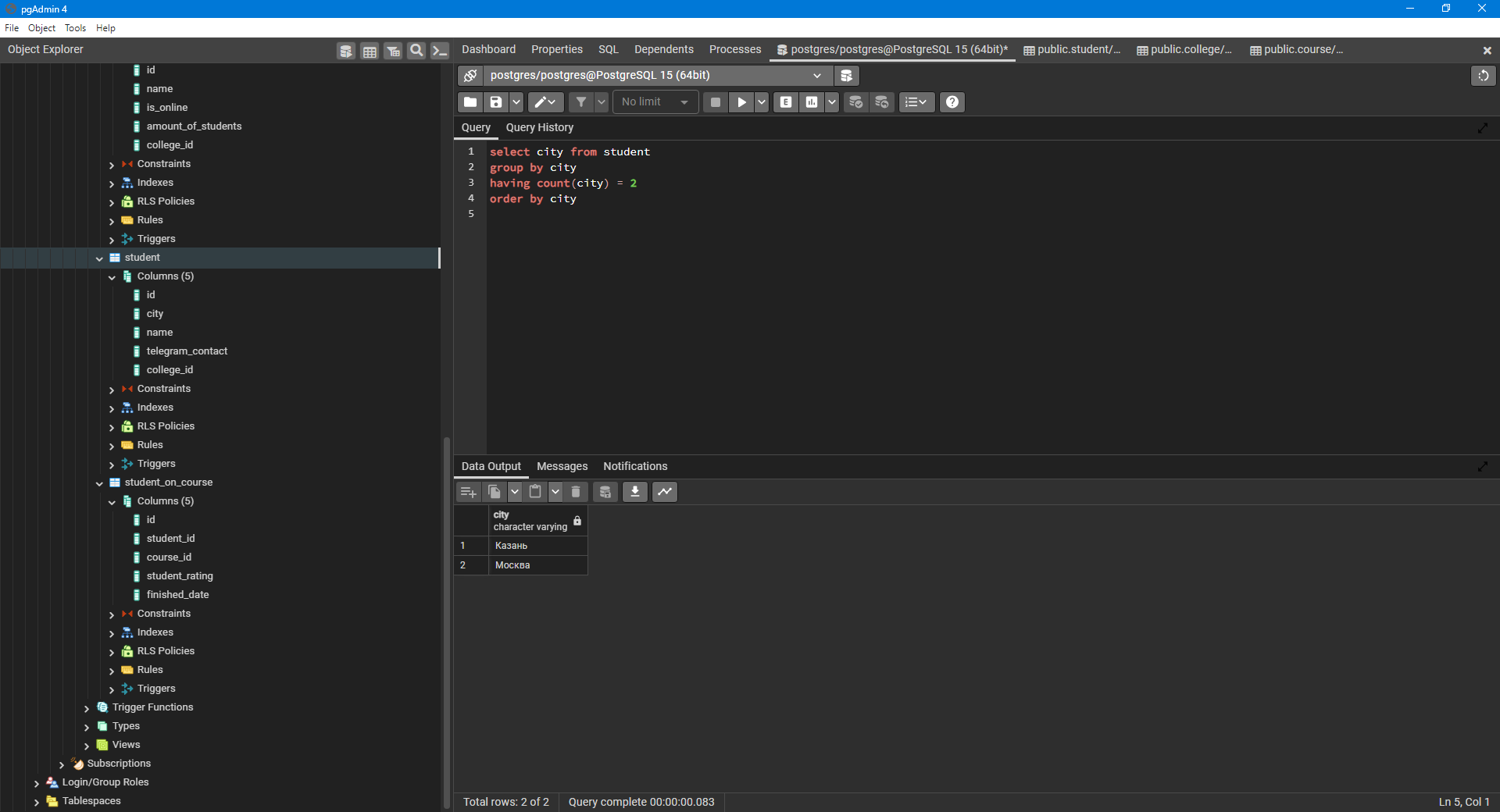
e.

select city from student

group by city

having count(city) = 2

order by city



f.

select t1.name as course\_name,

case

when t2.name IS NULL or t2.name = ''

then 'курс не используется'

else t2.name

end as student\_name

from student\_on\_course

join student t2 on student\_id = t2.id

right join course t1 on course\_id = t1.id

where is\_online = false or t2.name = 'курс не используется'

order by course\_name, student\_name

