**Домашнее задание №10**

a.

create view v\_student\_college as

(select student.name as student\_name, college.name as college\_name

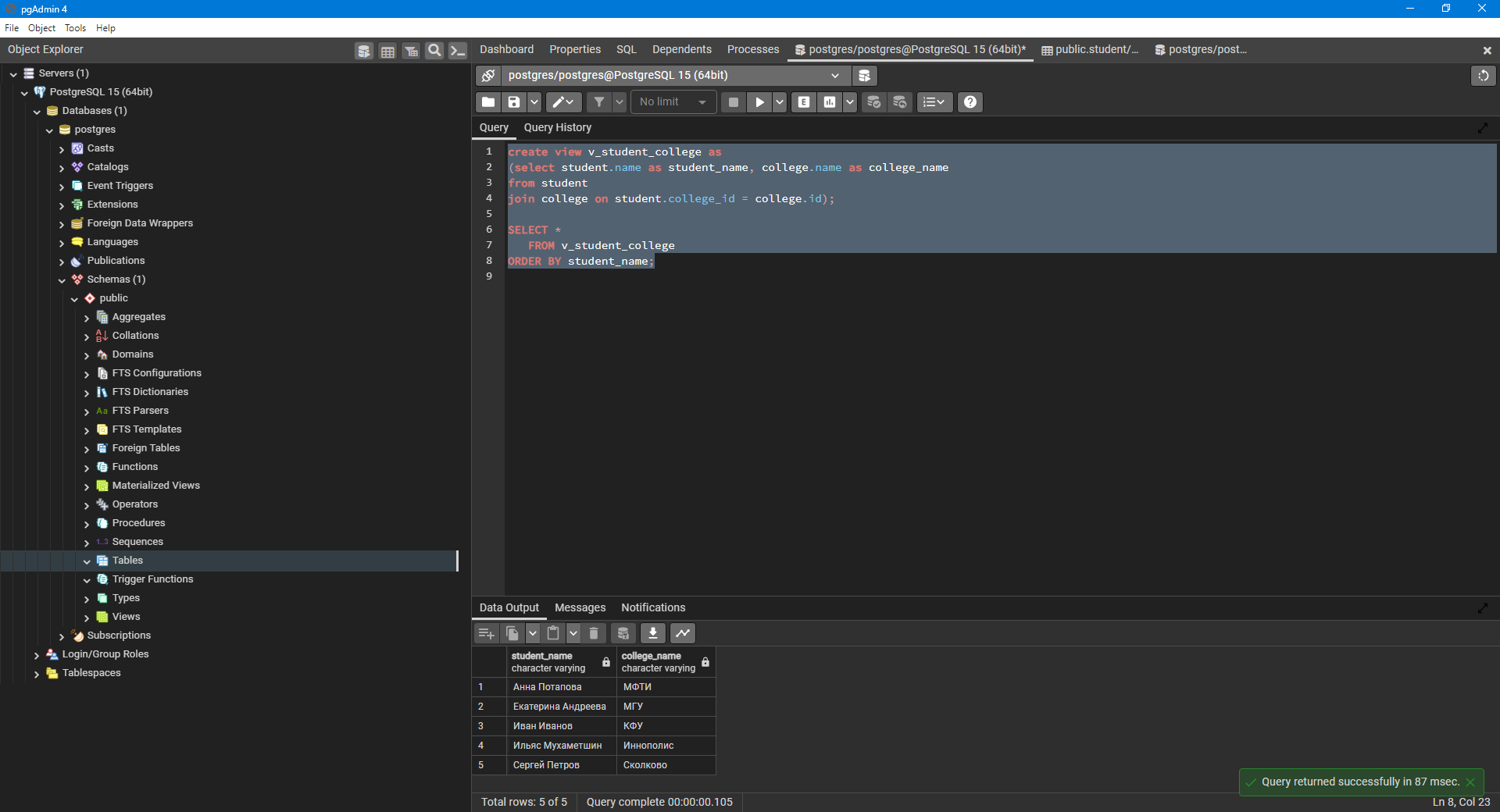
from student

join college on student.college\_id = college.id);

SELECT \*

FROM v\_student\_college

ORDER BY student\_name;



b.

create view v\_student\_course\_rating as

select student.name as student\_name, course.name as course\_name,

college.name as student\_college, student\_rating

from student\_on\_course t1

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

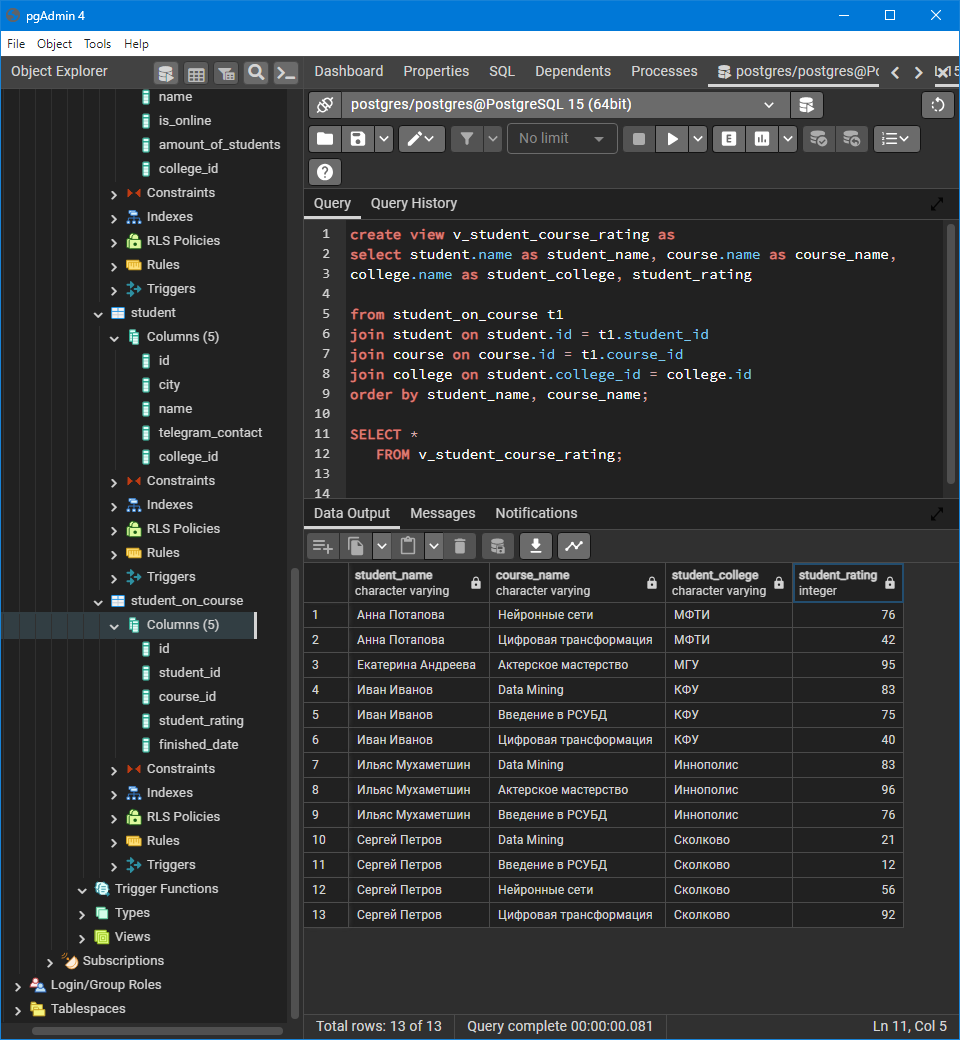
join course on course.id = t1.course\_id

join college on student.college\_id = college.id

order by student\_name, course\_name;

SELECT \*

FROM v\_student\_course\_rating;



c.

create materialized view mv\_student\_course\_rating as

select student.name as student\_name, course.name as course\_name,

college.name as student\_college, student\_rating

from student\_on\_course t1

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

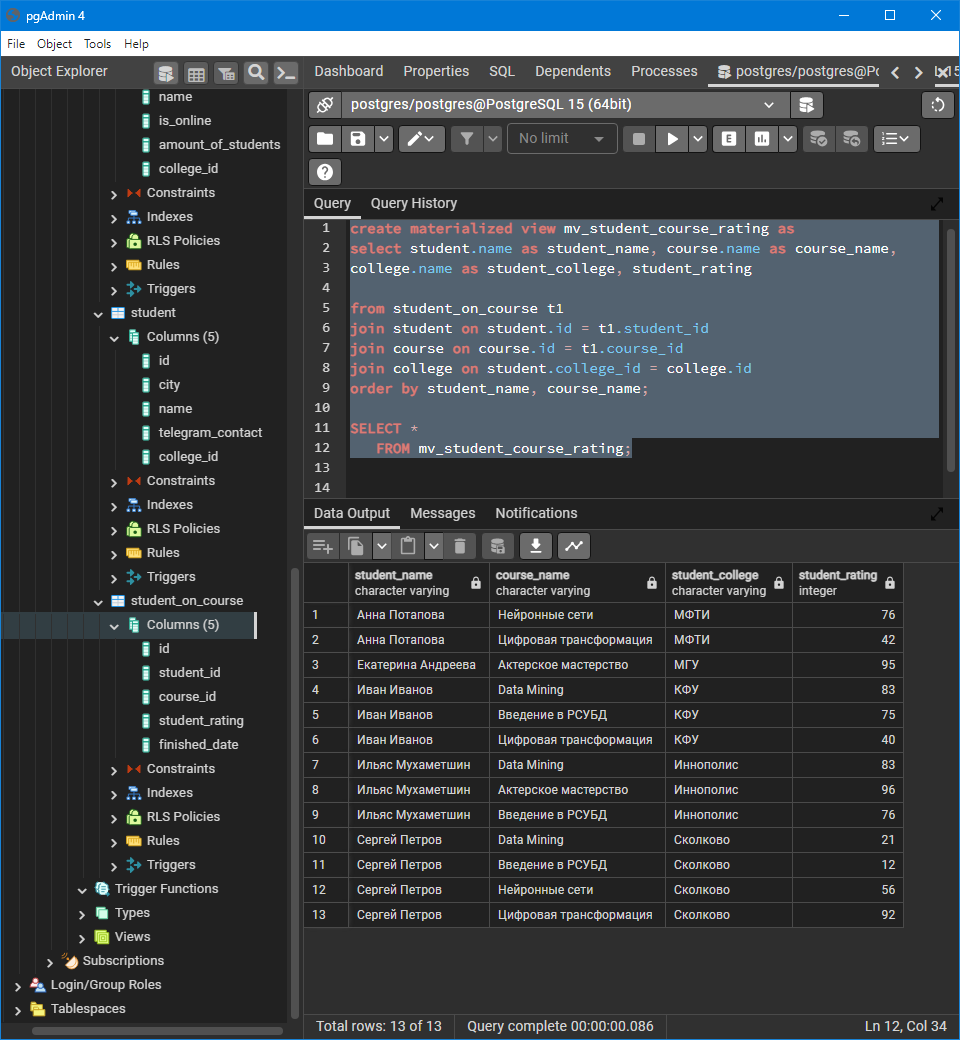
join course on course.id = t1.course\_id

join college on student.college\_id = college.id

order by student\_name, course\_name;

SELECT \*

FROM mv\_student\_course\_rating;



insert into student\_on\_course(id, student\_id, course\_id, student\_rating, finished\_date) VALUES (140,30,20,53, '2023-01-15');

refresh materialized view mv\_student\_course\_rating

SELECT \*

FROM mv\_student\_course\_rating

WHERE student\_name = 'Анна Потапова' AND

course\_name = 'Data Mining';

