//1

SELECT s.lname, g.group\_name

FROM students s ,groups g

WHERE s.group\_id = g.group\_id

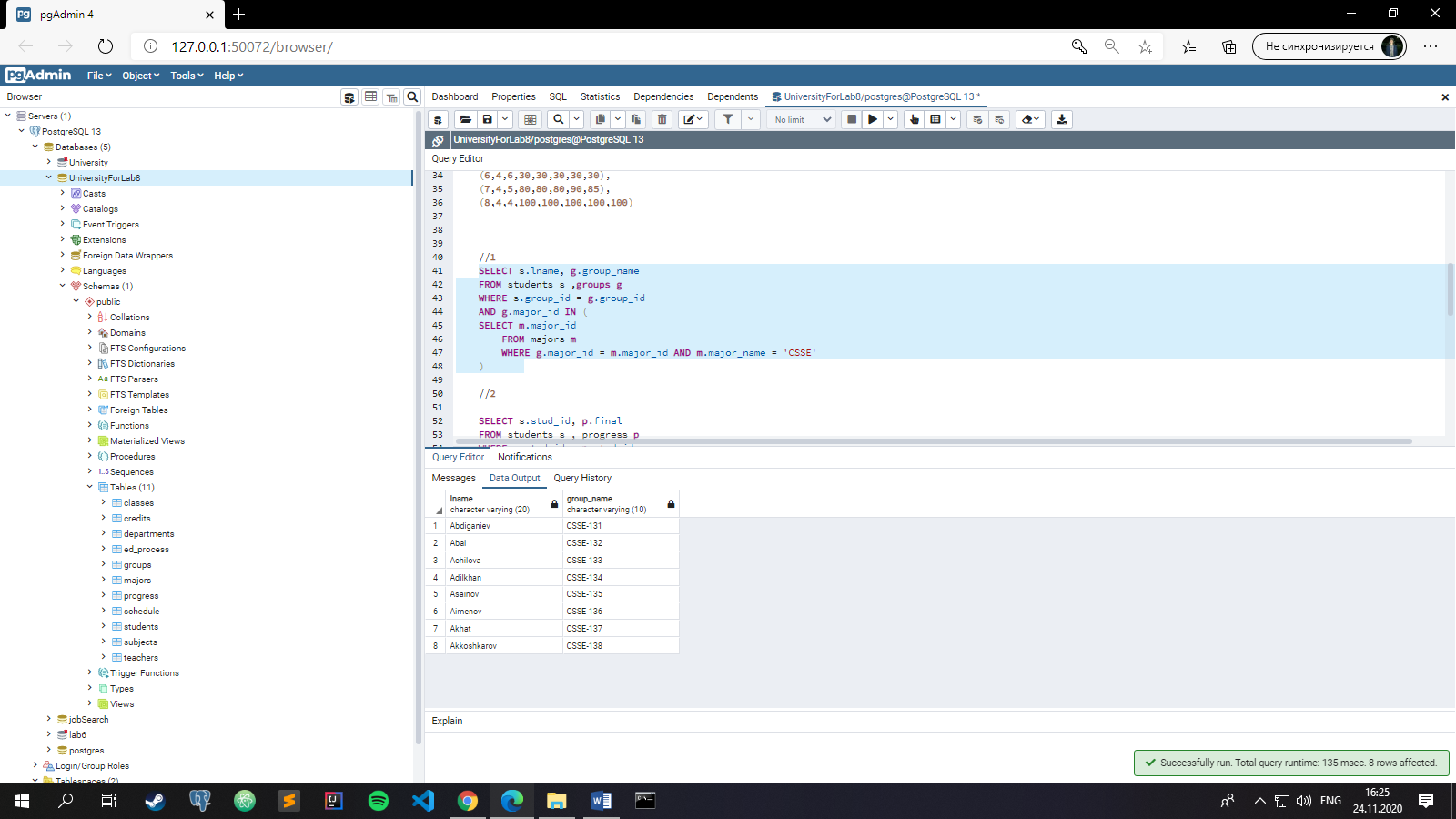
AND g.major\_id IN (

SELECT m.major\_id

FROM majors m

WHERE g.major\_id = m.major\_id AND m.major\_name = 'CSSE'

)



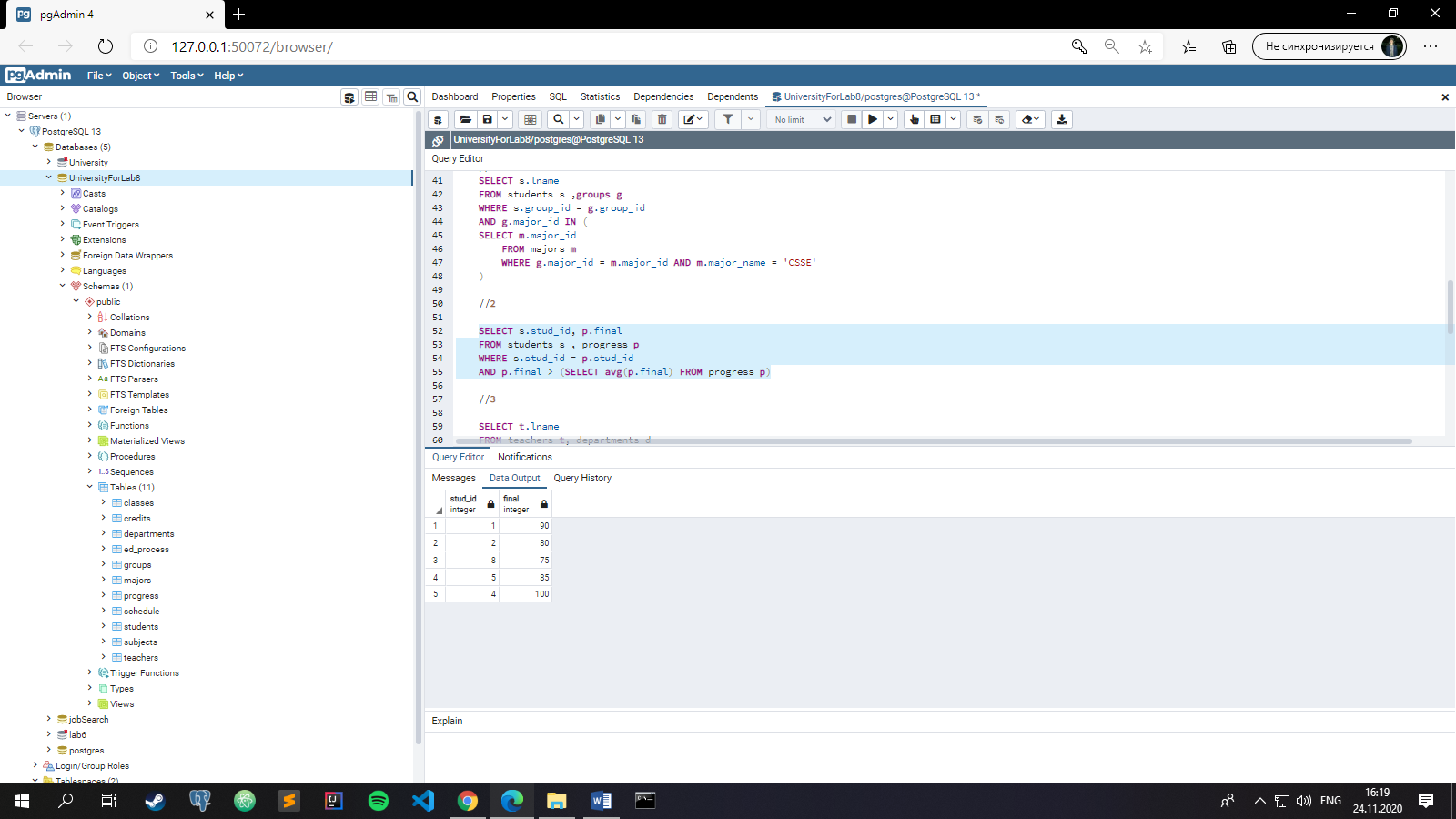
//2

SELECT s.stud\_id, p.final

FROM students s , progress p

WHERE s.stud\_id = p.stud\_id

AND p.final > (SELECT avg(p.final) FROM progress p)



//3

SELECT t.lname, d.dep\_name

FROM teachers t, departments d

WHERE t.dep\_id = d.dep\_id

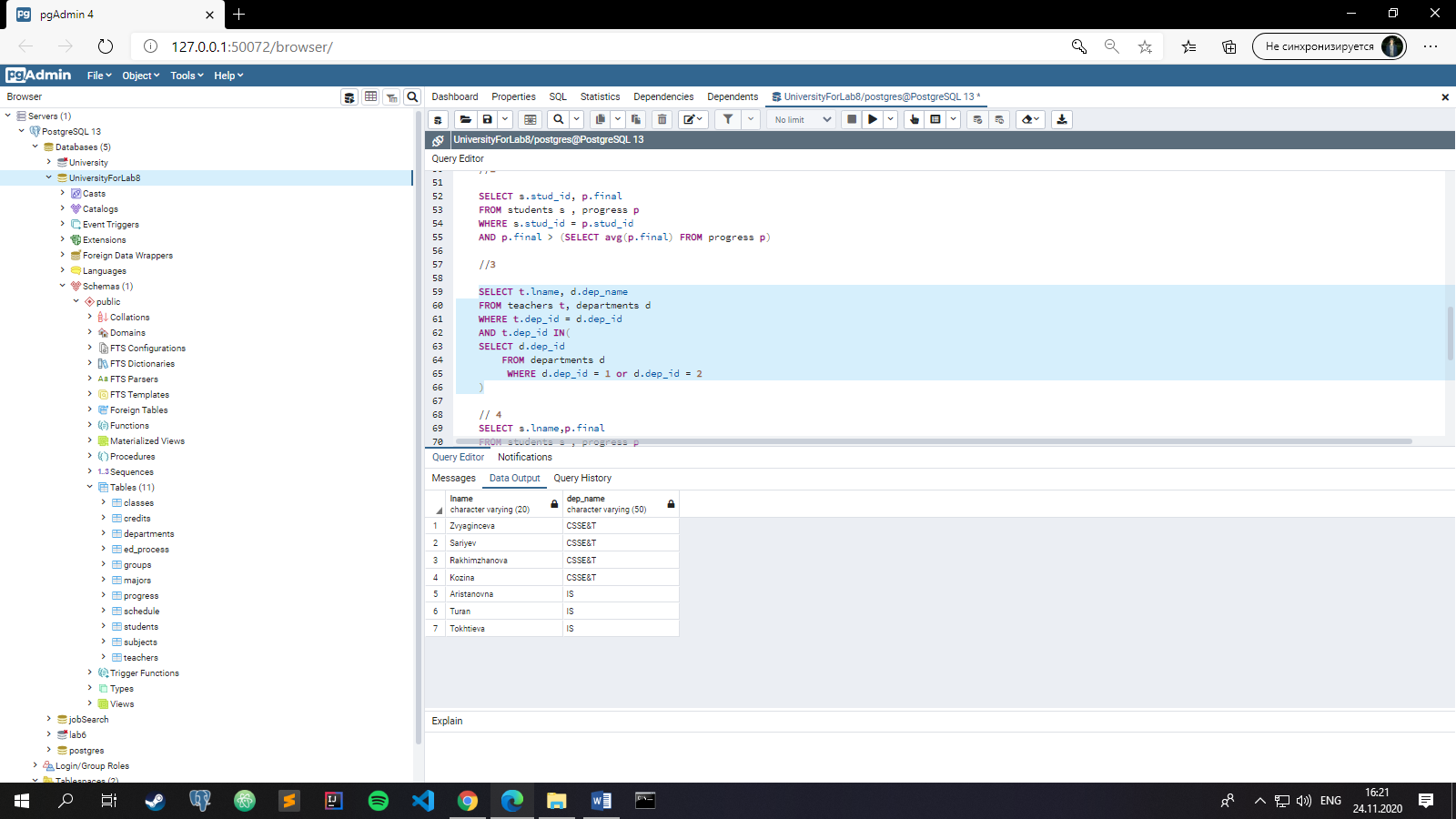
AND t.dep\_id IN(

SELECT d.dep\_id

FROM departments d

WHERE d.dep\_id = 1 or d.dep\_id = 2

)



// 4

SELECT s.lname,p.final

FROM students s , progress p

WHERE p.stud\_id = s.stud\_id

and p.final NOT IN(

SELECT p.final

FROM progress p

WHERE p.final < 50

)

UNION

SELECT s.lname,p.final

FROM students s , progress p

WHERE p.stud\_id = s.stud\_id

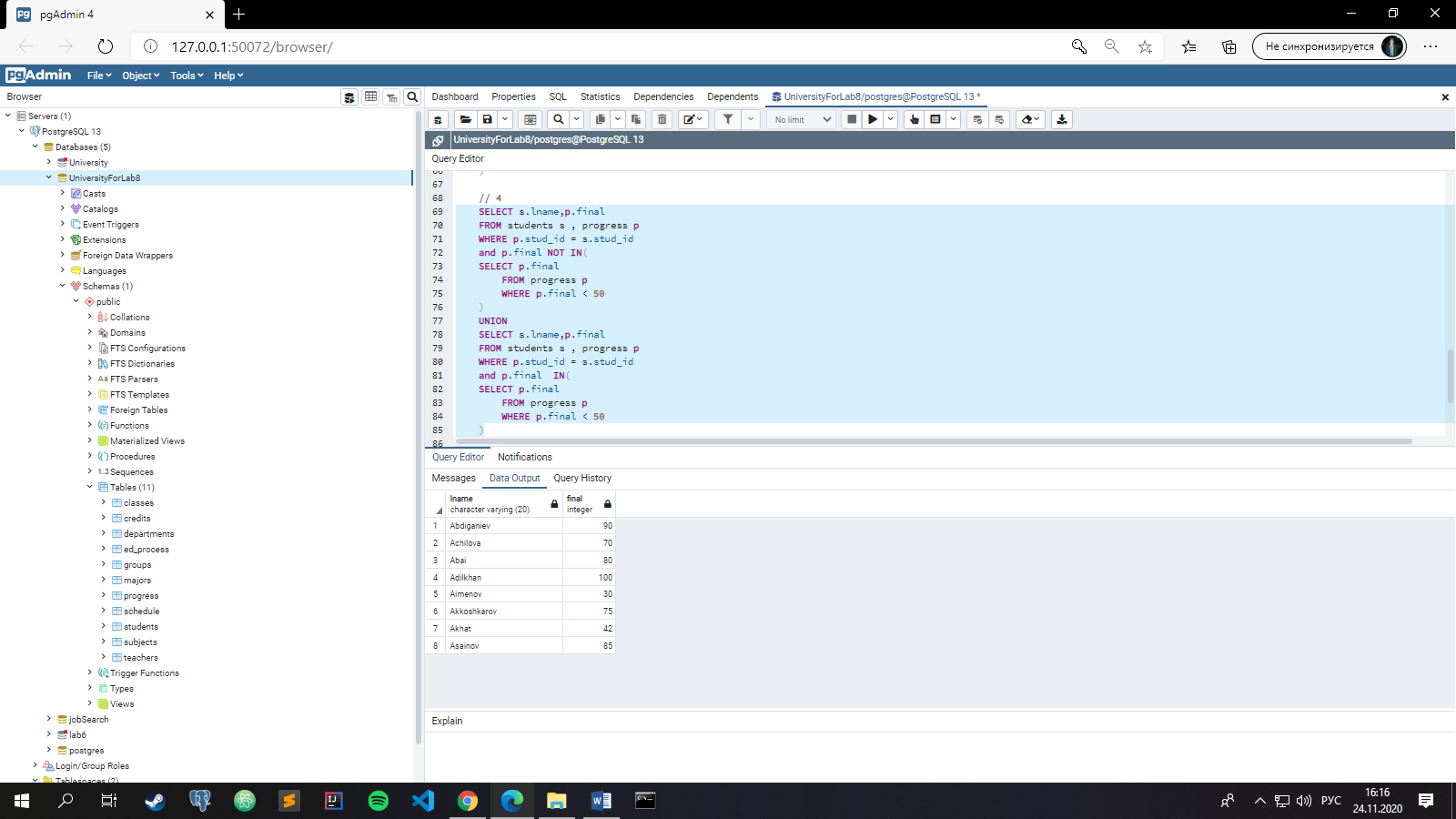
and p.final IN(

SELECT p.final

FROM progress p

WHERE p.final < 50

)



//5

SELECT s.lname

FROM students s

WHERE length(s.lname) > ALL(SELECT length(t.lname) FROM teachers t)

