///1 Well, we can use some kind of ariphmetic operations with the attribute that we want to use for achieve some definite result like this:

SELECT last\_name

FROM resume

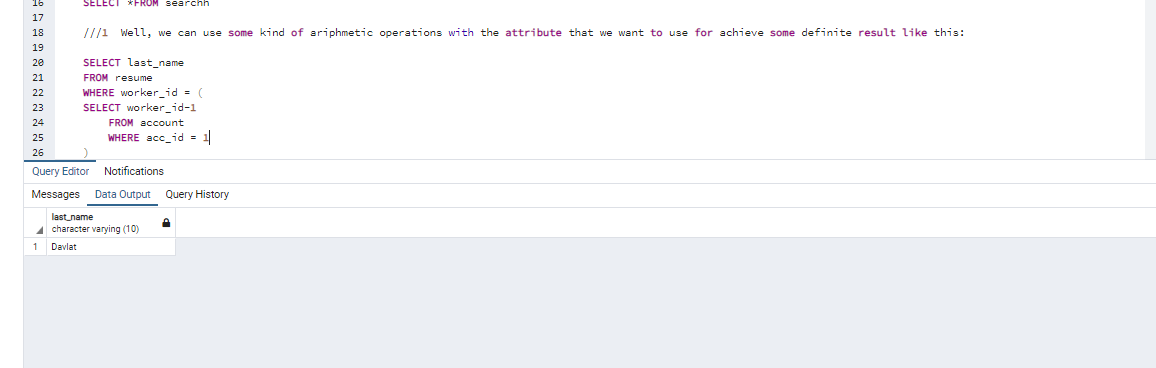
WHERE worker\_id = (

SELECT worker\_id-1

FROM account

WHERE acc\_id = 1

)



2) For example we need to find all names and sex of those people whose stage of work less than 5 to make some research work.

SELECT a.name, r.sex

FROM account a , resume r

WHERE a.worker\_id = r.worker\_id

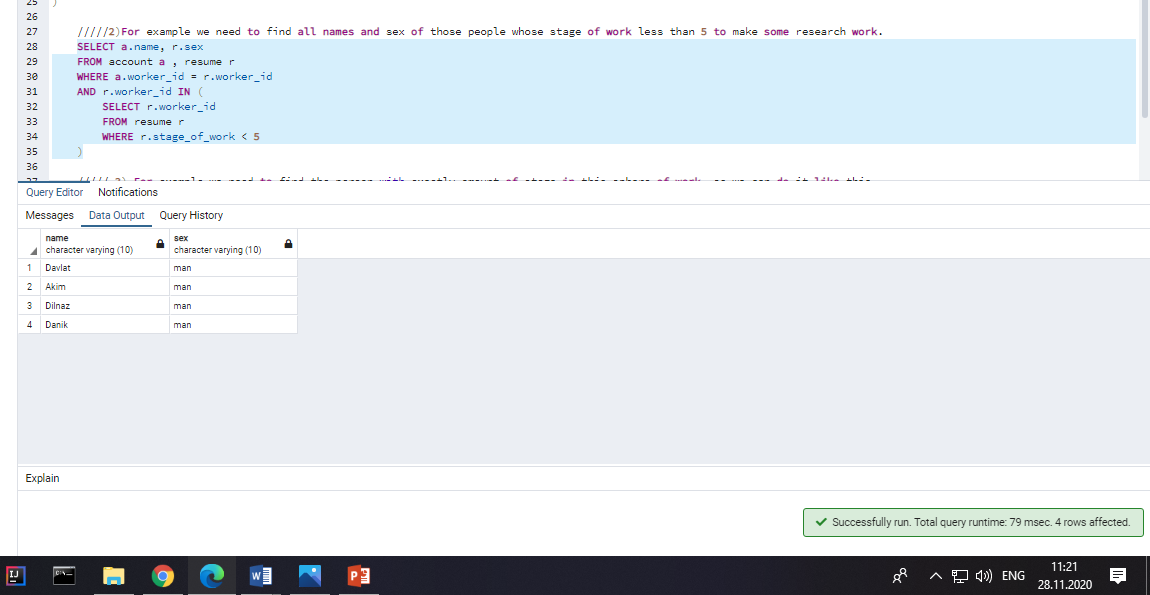
AND r.worker\_id IN (

SELECT r.worker\_id

FROM resume r

WHERE r.stage\_of\_work < 5

)



///// 3) For example we need to find the person with exactly amount of stage in this sphere of work, so we can do it like this

SELECT a.name, r.sex

FROM account a , resume r

WHERE a.worker\_id = r.worker\_id

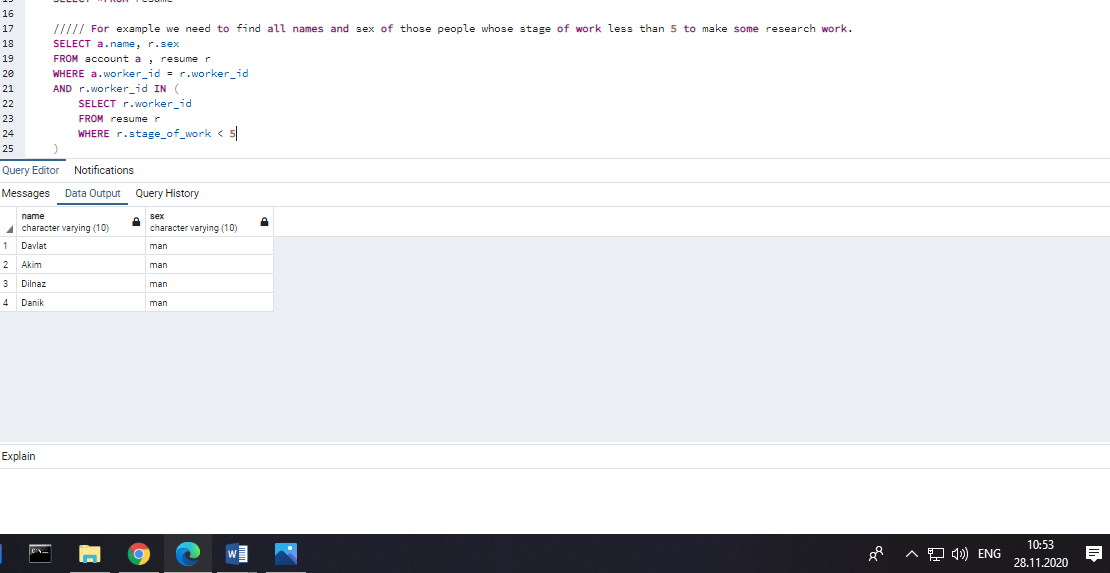
AND EXISTS(

SELECT\*

FROM account ,resume

WHERE r.stage\_of\_work = 10

)



///// 4) Let`s consider this situation when we need to find Any people from Almaty for example

SELECT a.name, r.city\_of\_living ,r.sex

FROM account a , resume r

WHERE a.worker\_id = r.worker\_id

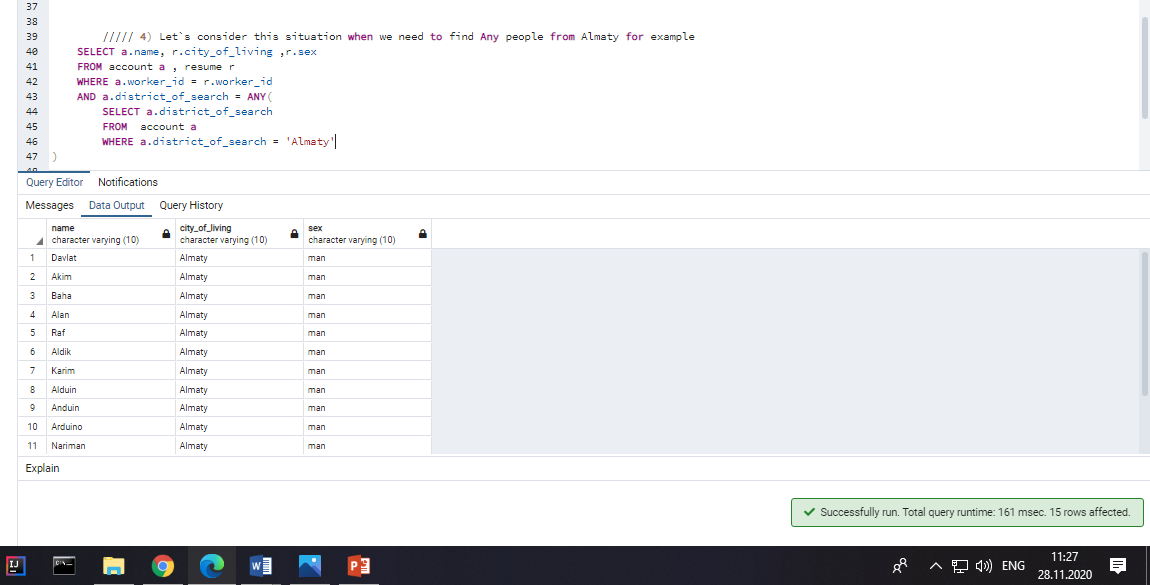
AND a.district\_of\_search = ANY(

SELECT a.district\_of\_search

FROM account a

WHERE a.district\_of\_search = 'Almaty'

)



///// 5) Let`s consider this situation when we need to find All men from the list of candidates

SELECT a.name, r.sex

FROM account a , resume r

WHERE a.worker\_id = r.worker\_id

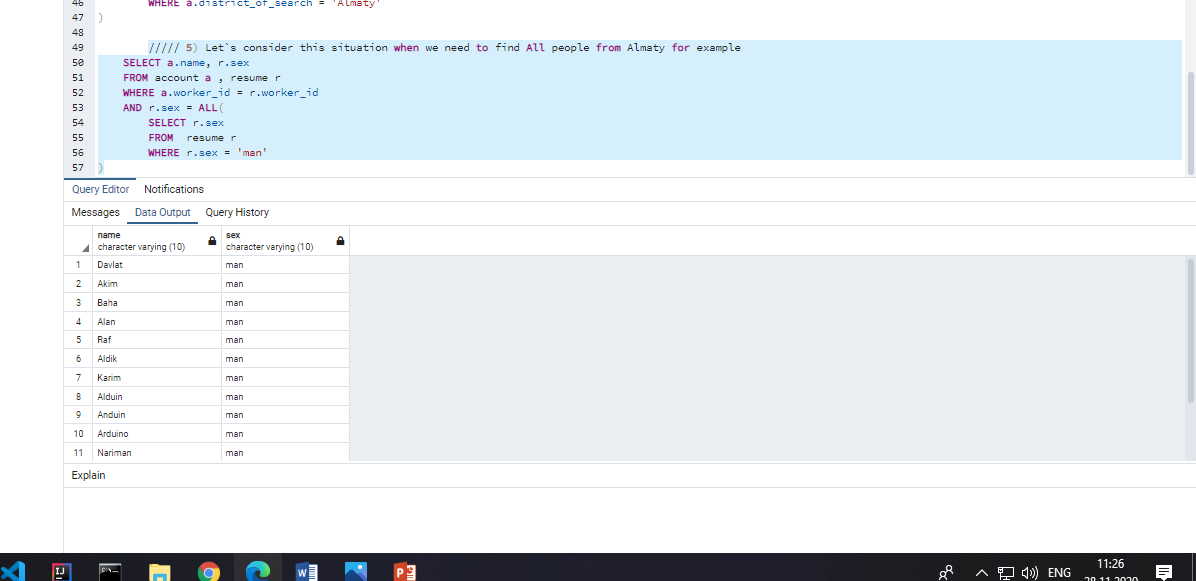
AND r.sex = ALL(

SELECT r.sex

FROM resume r

WHERE r.sex = 'man'

)



// 6) Look, we can use subquery in FROM operator like this and for help of it we can choose what we need to find using alias of FROM operator

SELECT name\_of\_worker

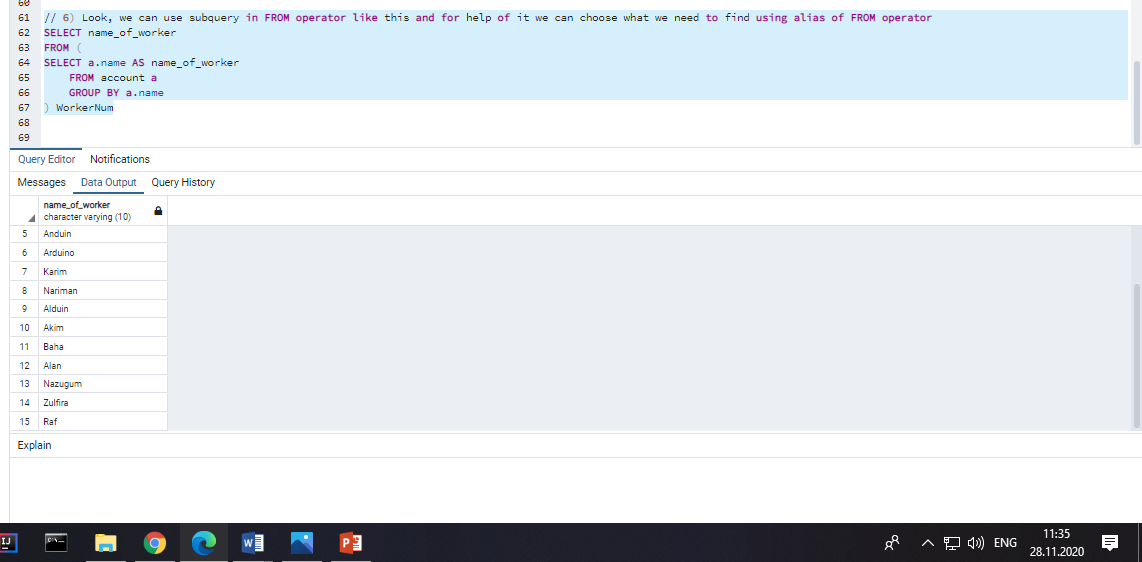
FROM (

SELECT a.name AS name\_of\_worker

FROM account a

GROUP BY a.name

) WorkerNum



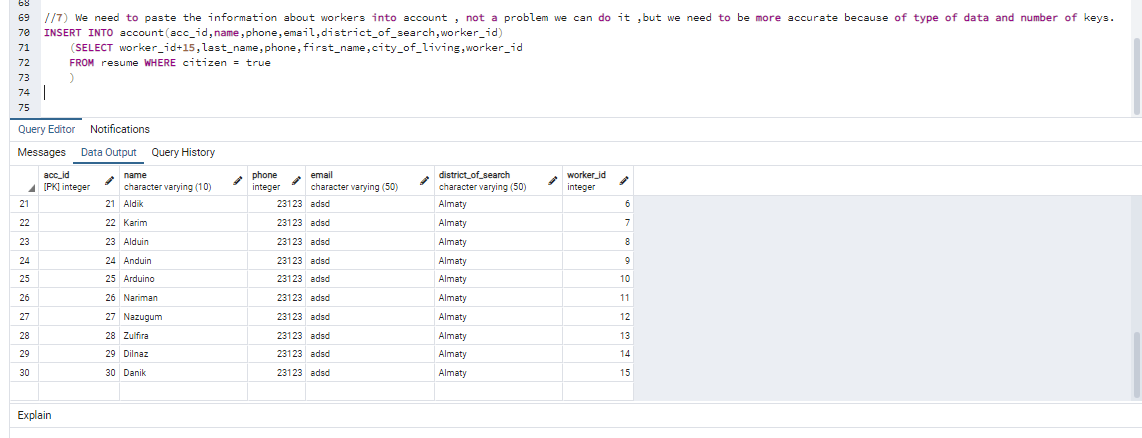
//7) We need to paste the information about workers who are citizens into account , not a problem we can do it ,but we need to be more accurate because of type of data and number of keys.

INSERT INTO account(acc\_id,name,phone,email,district\_of\_search,worker\_id)

(SELECT worker\_id+15,last\_name,phone,first\_name,city\_of\_living,worker\_id

FROM resume WHERE citizen = true

)



/////8) We need to delete some account because user decided to remove it from our site, well we can do it in one query with his id and account table

DELETE

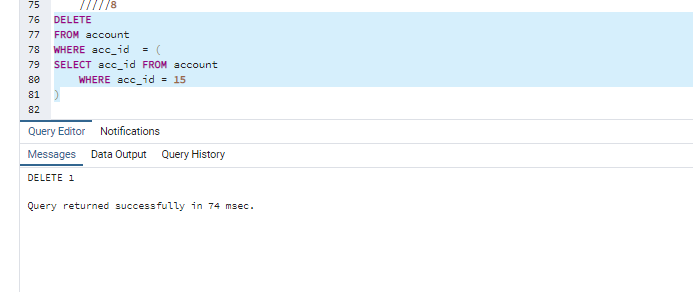
FROM account

WHERE acc\_id = (

SELECT acc\_id FROM account

WHERE acc\_id = 15

)



/// 9) For example we need to update id of some sort of users and we can do it like this

UPDATE account

SET acc\_id = acc\_id +101

WHERE acc\_id = ANY(

SELECT acc\_id

FROM account

WHERE acc\_id > 15

)

