LAB 9

SOL Queries

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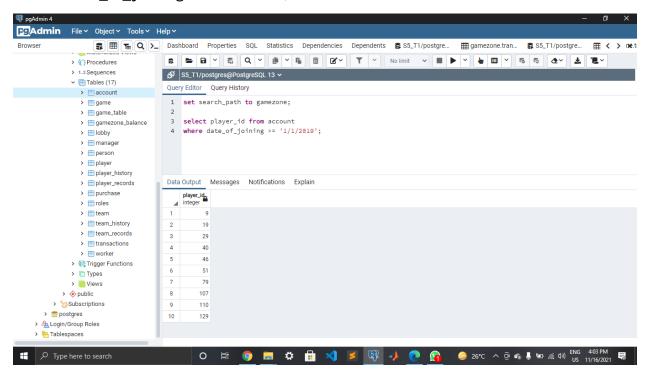
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Prajapati Parth (201901429)

Gohil Arpit (201901471)

1. List all the players who have joined the gamezone on or after 1/1/2019.

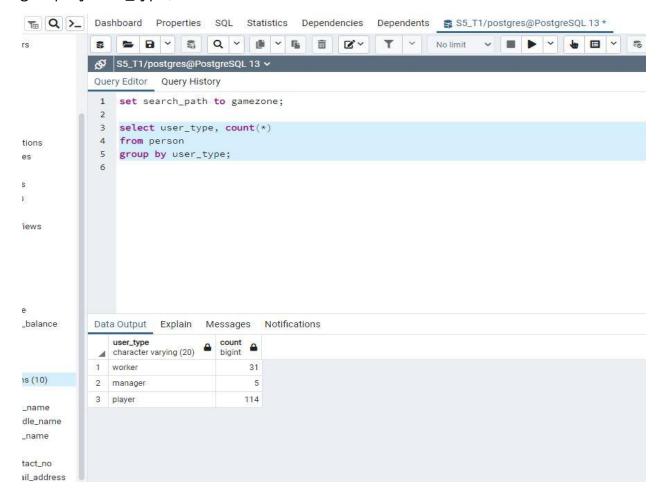
select player_id from account
where date_of_joining >= '1/1/2019';



No of tupel = 10

2. Count the number of players, managers and employees present in the person table.

select user_type, count(*)
from person
group by user_type;

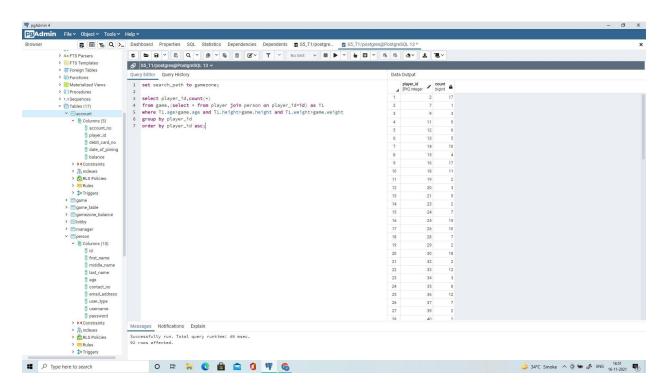


No of tuple = 3

3. Count the number of games that player can play.

```
select player_id,count(*)

from game,(select * from player join person on player_id=id) as T1
where T1.age>game.age and T1.height>game.height and
T1.weight>game.weight
group by player_id
order by player_id asc;
```

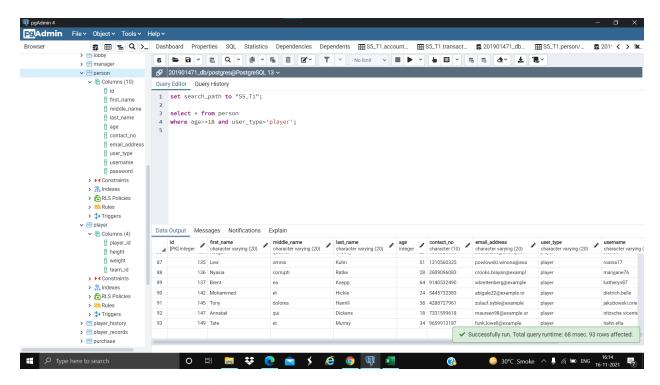


No of tuple = 92

4. List all players whose age is greater than 18.

Select * from person

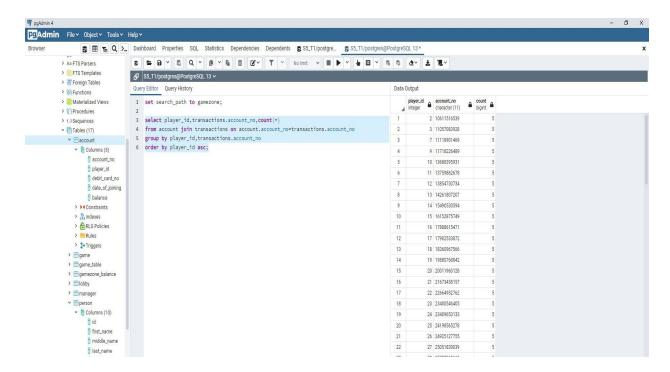
Where age>=18 and user_type = 'player';



No. of Tuples: 93

5. Count the number of transactions done by each player.

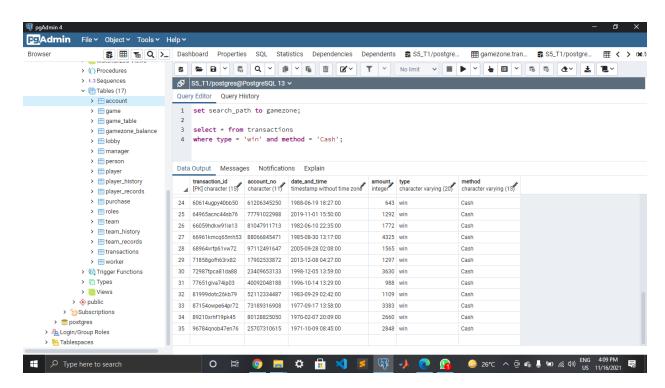
select player_id,transactions.account_no, count(*) from account join transactions on account.account_no=transactions.account_no group by player_id, transactions.account_no order by player_id asc;



No. of Tuples: 114

6. List all the transactions in which the player gets rewarded the amount in Cash.

```
select * from transactions
where type = 'win' and method = 'Cash';
```



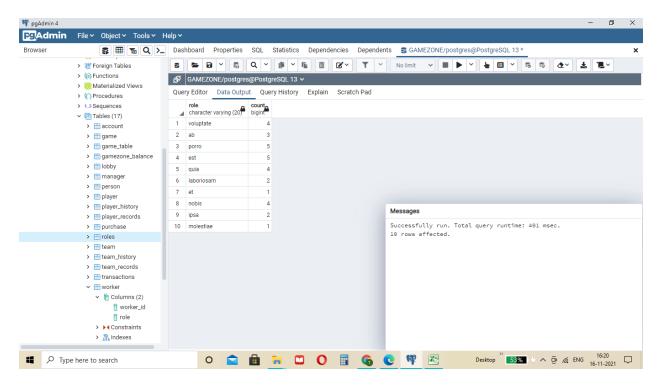
No of tuple = 35

7. Count the number of worker for each role.

SELECT role, COUNT(*)

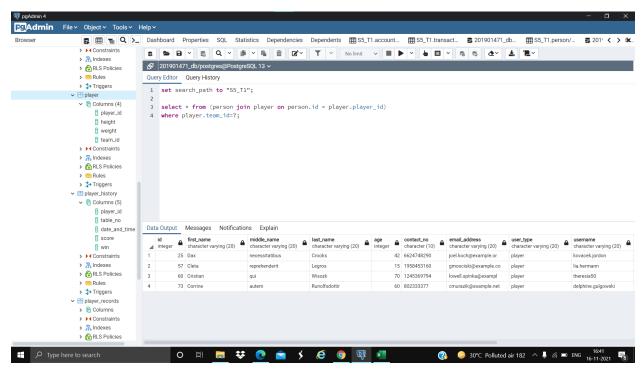
FROM worker

GROUP BY role;



No of tuple = 10

8. Find details of players who have team_id 7.

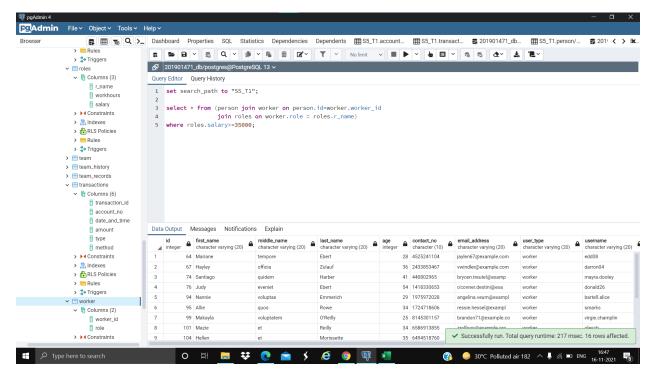


No. of tuple: 4

9. Find details of workers who have more than 35000 salary.

select * from (person join worker on person.id=worker.worker_id join roles on worker.role = roles.r_name)

where roles.salary>=35000;



No. of tuple = 16