1> find sorted list of students in decreasing manner by their first name.
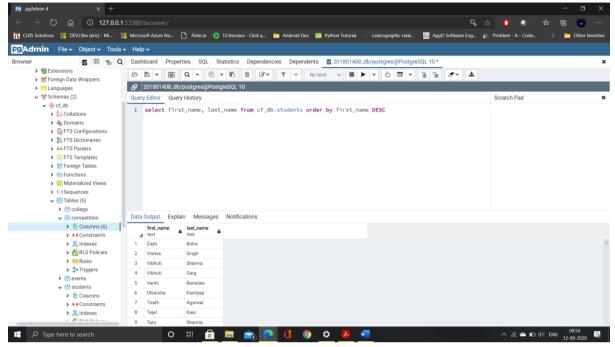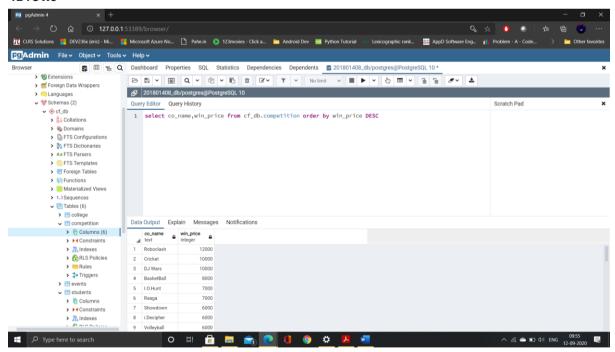
Select first_name,last_name from cf_db.students order by first_name desc
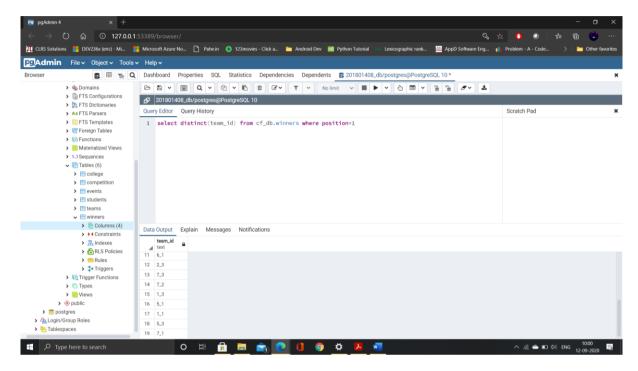
100 rows

2> find list of competitions in order by highest to lowest winner price.

Select co_name from cf_db.competition order by win_price desc

41 rows

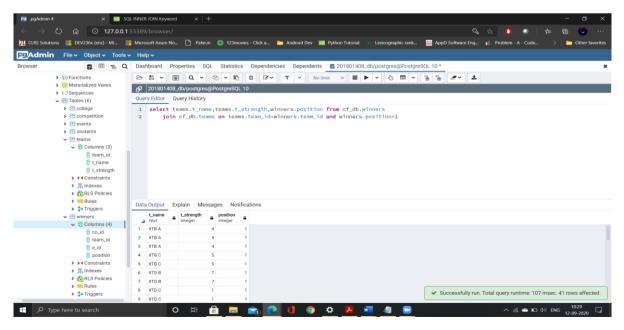**3> Show the list of team ids which are winners of competitions (1st place)**

Select count(team_id) from cf_db.winners where position='1'

19 rows

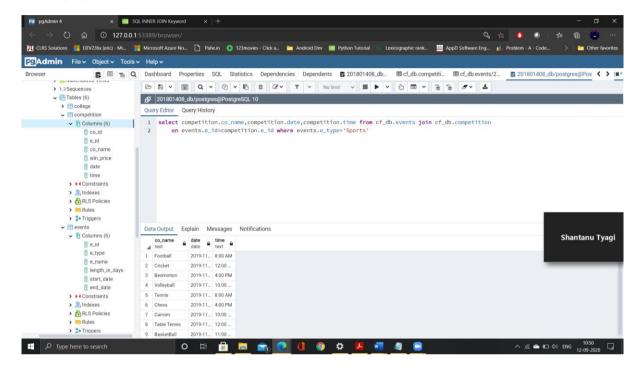**4> Show list of winning teams with team's name, strength and position of teams**

Select teams.t_name,teams.t_strength,winners.position from cf_db.teams join cf_db.winners on teams.team_id=winners.team_id and winners.position='1'

41 rows

5> Find the list of 'Sports' competitions with name, date and starting time.
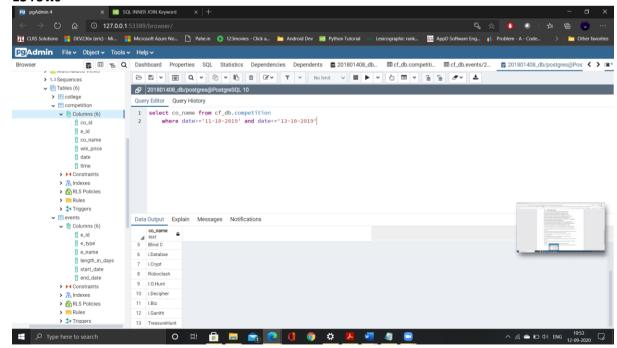
Select co_name,date,time from cf_db.competition join cf_db.events on
competition.e_id=events.e_id where e_type='Sports'
9 rows

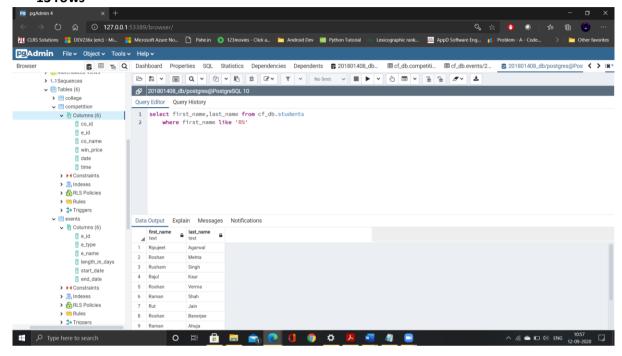**6> Find the competition list which are held between '11-10-2019' and '13-10-2019' dates.**

Select co_name from cf_db.competition where date between '10-11-2019' and '10-13-2019'
13 rows

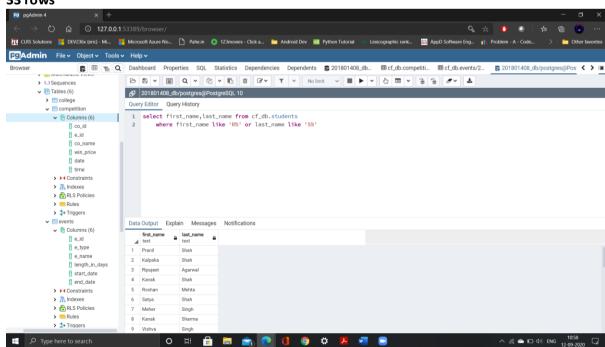**7> Find the student name which first name start from 'R'.**

Select first_name,last_name from cf_db.students where first_name like 'R%'

13 rows

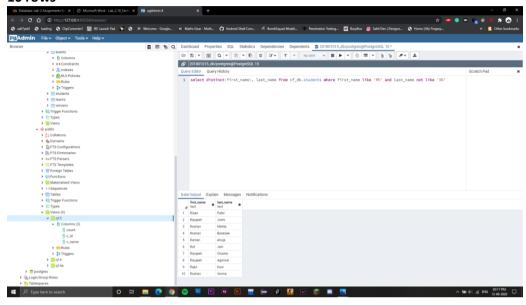**8> Find the student name which first name start from 'R' or last name start from 'S'.**

Select first_name,last_name from cf_db.students where first_name like 'R%' or last_name like 'S%'

33 rows

9> Find the student name which first name start from 'R' and not last name start from 'S'.
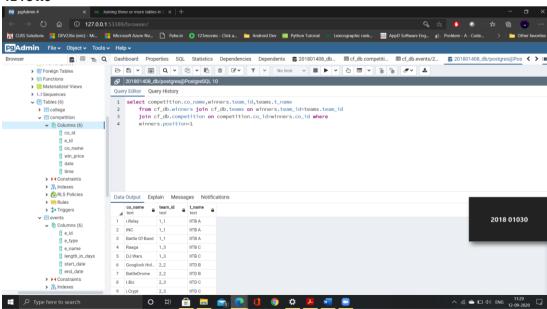
Select distinct(first_name), last_name from cf_db.students where first_name like 'R%' and last_name not like 'S%'

10 rows

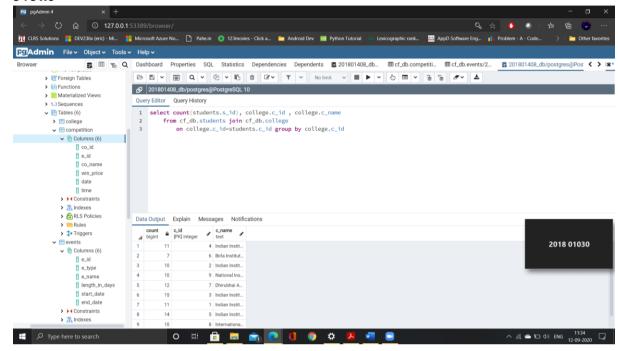**10> Show the list of competition name and their winning teams (1st place).**

Select competition.co_name,teams.t_name from cf_db.competition join cf_db.winners on competition.co_id=winners.co_id join cf_db.teams on winners.team_id=teams.team_id and winners.position='1'

41 rows

11> Show list of collages names with no of participants students of respective colleges.
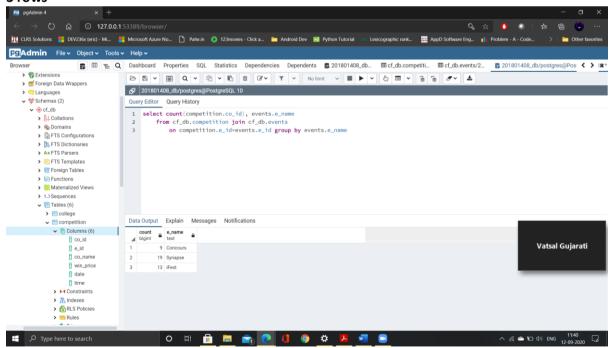
Select count(students.c_id),college.c_name from cf_db.students join cf_db.college on students.c_id=college.c_id group by college.c_id

9 rows

12> Find out list that contain events name with their respective no of competitions counts.

Select count(distinct competition.co_name),events.e_name from cf_db.competiton join cf_db.events on competition.e_id=events.e_id group by events.e_name
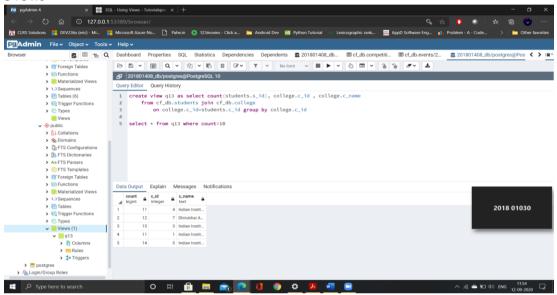
3 rows

13> Show list of collages names with no of participants students of respective colleges greater than 10.

Create view q13 as select count(students.s_id),college.c_name from cf_db.students join cf_db.college on students.c_id=college.c_id group by college.c_name
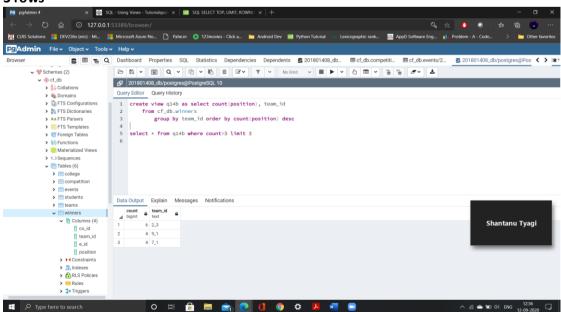Select * from q13 where count>10
5 rows

14> Find the list of team's ids with number of time wining for different competitions and which are winners of more than 3 competitions (consider top 3 place)

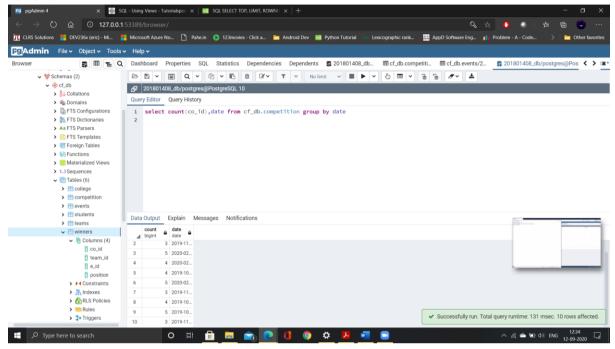Create view q14 as select count(winners.position),team_id from cf_db.winners group by team_id
Select * from q14 where count>3 order by count desc limit 3

3 rows

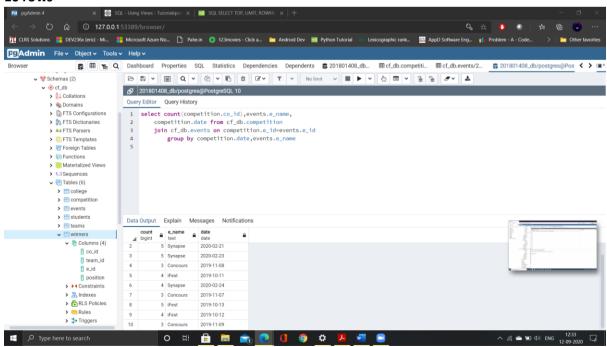**15> Find the list of dates with no of competitions held respective dates (date , no_of_competitions)**

Select date,count(co_id) from cf_db.competiton group by competition.date

10 rows

16> Find the list of dates with no of competitions held respective dates (date, no_of_competitions) and respective events names.
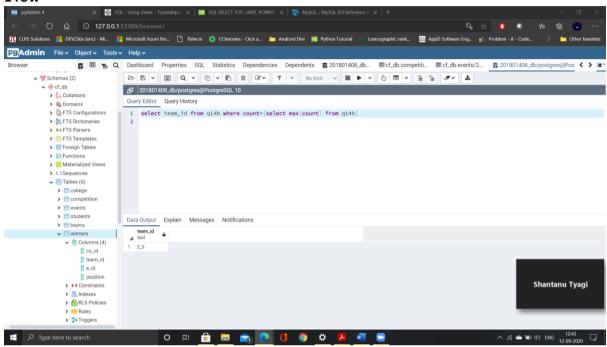
Select competition.date,count(competiton.co_id),events.e_name from cf_db.competiton join cf_db.events on competition.e_id=events.e_id group by competition.date,events.e_name

10 rows

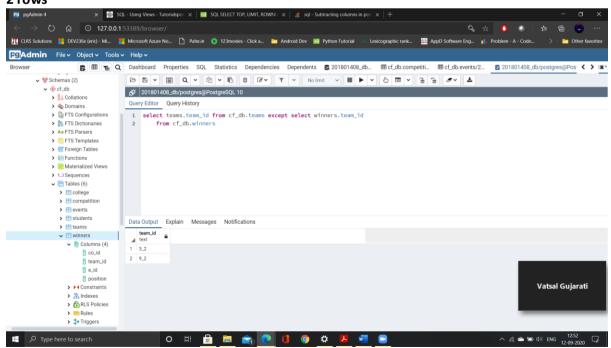**17> Find the team id which are most times winners of competitions (consider top 3 place for winners)**

Select team_id from q14 where count=(select max(count) from q14)

1 row

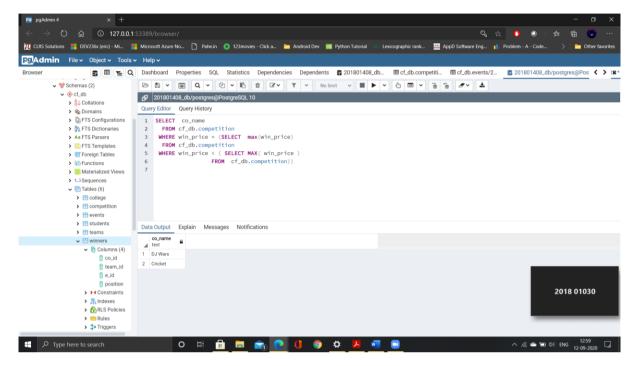**18> Find the team ids which are not winners of any competitions (consider top 3 place for winners).**

Select team_id from cf_db.teams except select distinct winners.team_id from cf_db.winners

2 rows

19> Find the competition name which have second highest wining price.

Select co_name from cf_db.competition where win_price=(select max(win_price) from cf_db.competition where win_price<(select max(win_price) from cf_db.competition))
2 rows

20> Find the list of events with highest wining price of their respective event's competitions

Select events.e_name max(competition.win_price) from cf_db.events join cf_db.competition on events.e_id=competition.e_id group by events.e_name order by max(competition.win_price) desc
3 rows