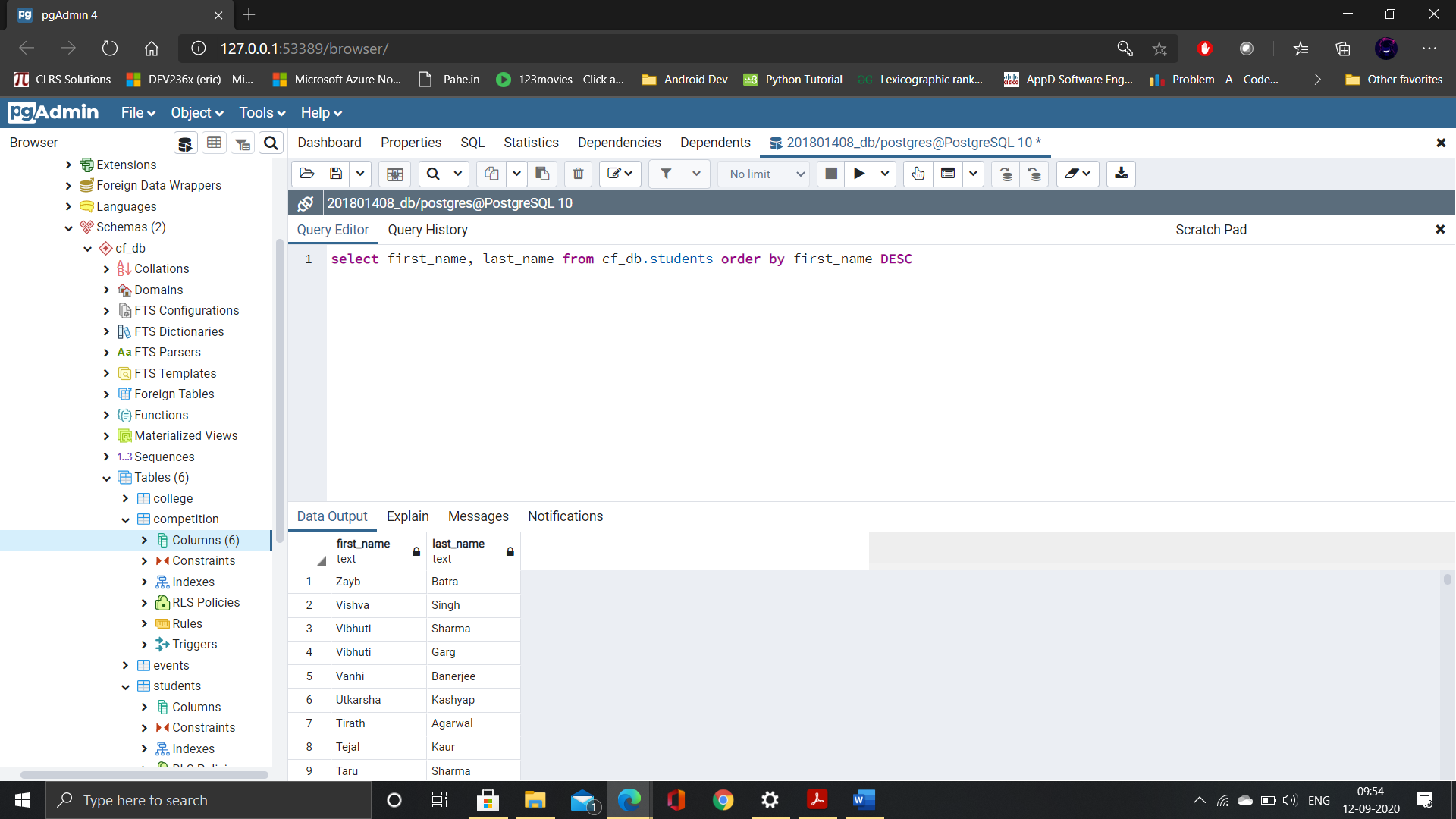
1. **find sorted list of students in decreasing manner by their first name.**

Select first\_name,last\_name from cf\_db.students order by first\_name desc

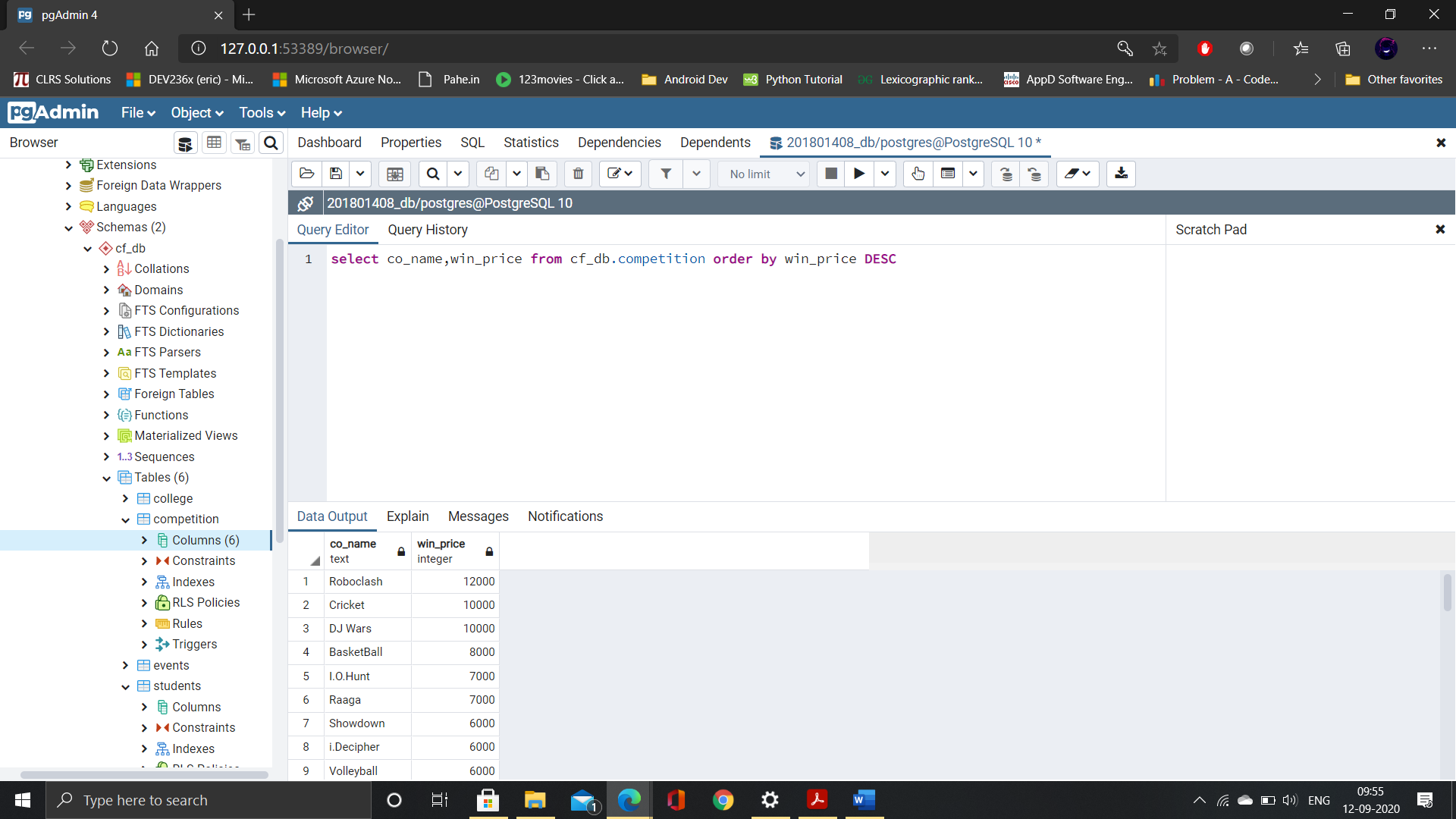
**100 rows**



1. **find list of competitions in order by highest to lowest winner price.**

Select co\_name from cf\_db.competition order by win\_price desc

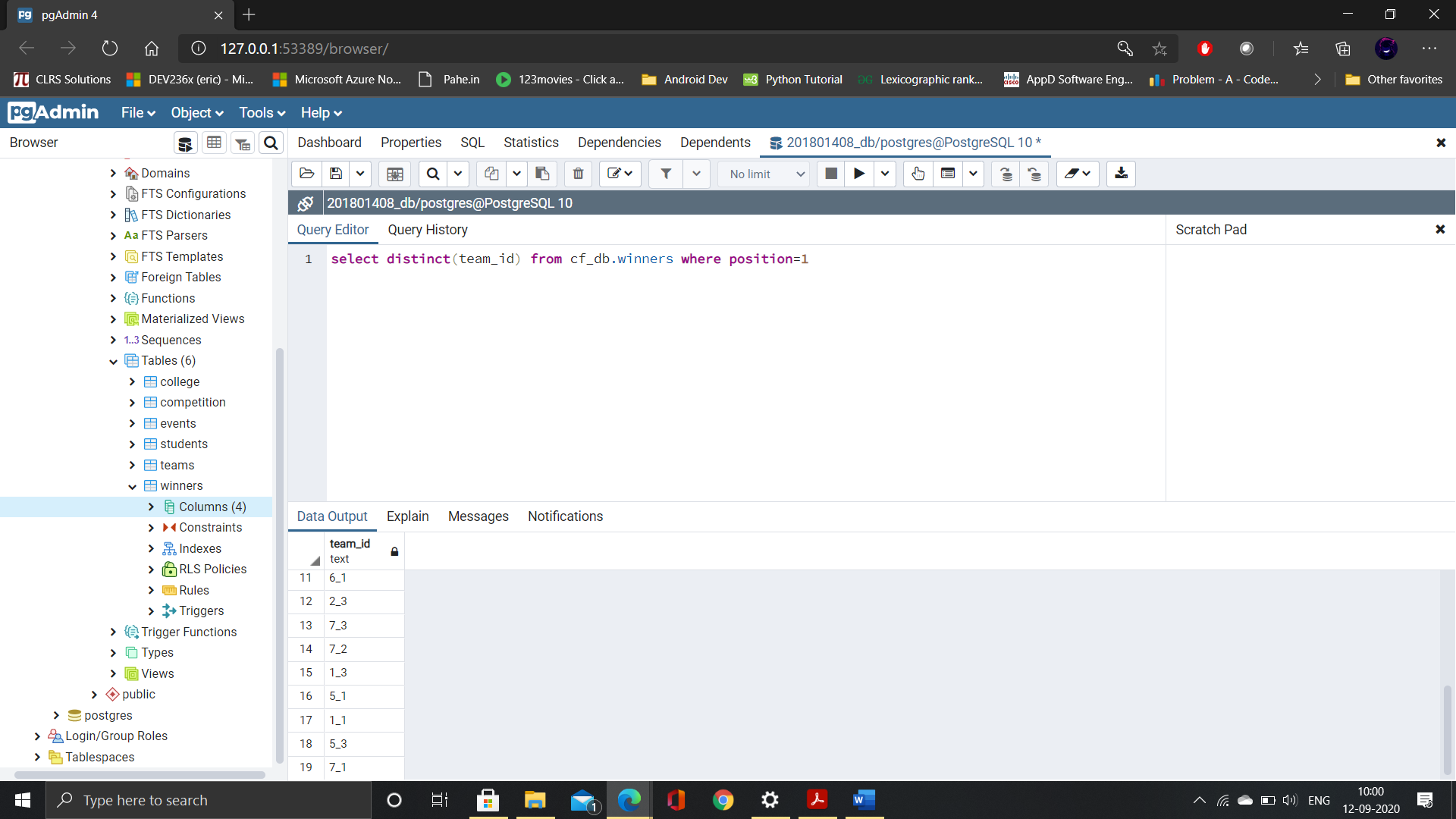
**41 rows**



1. **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**

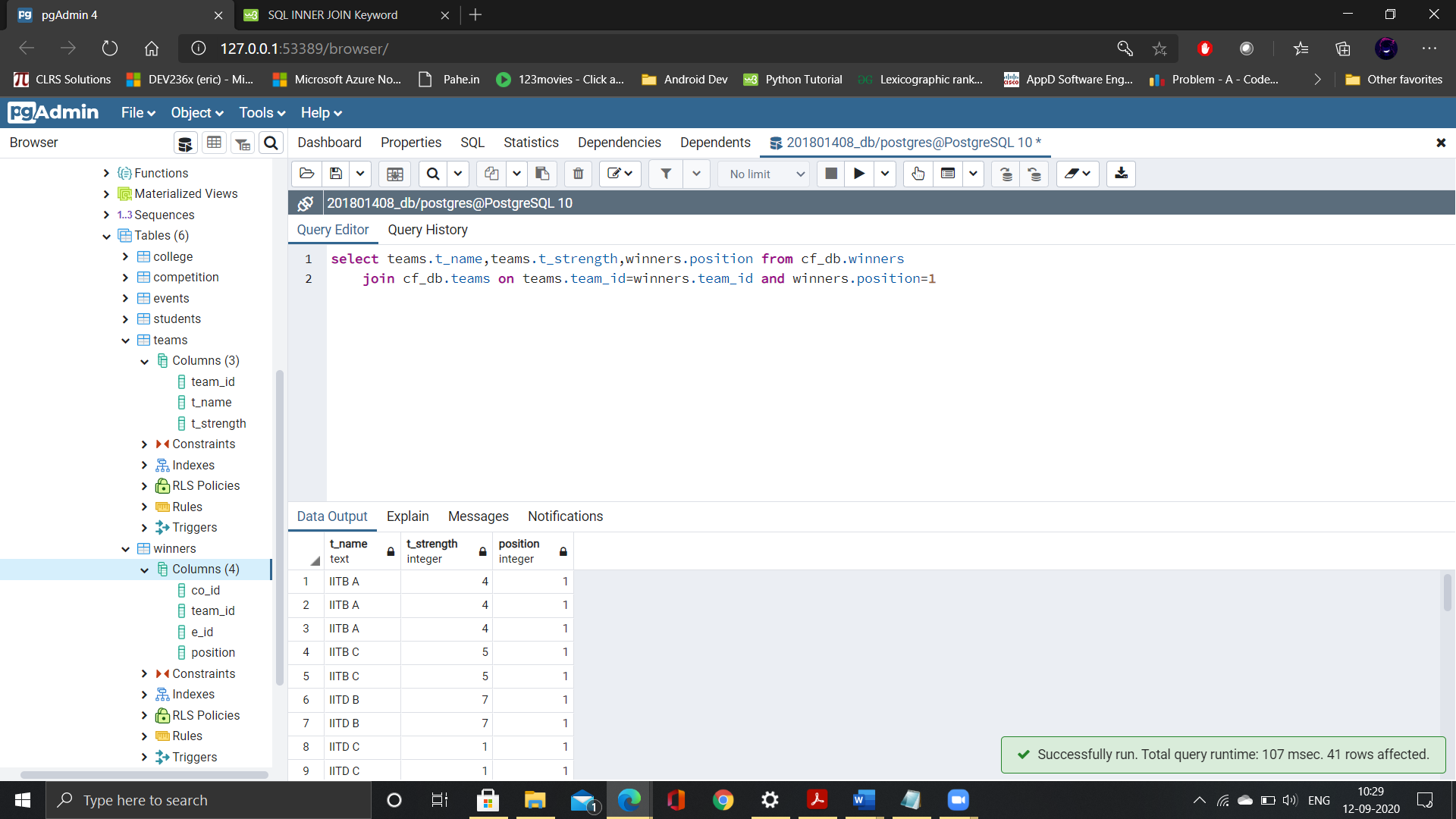


1. **Show list of winning teams with team’s name, strength and position of teams**

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’

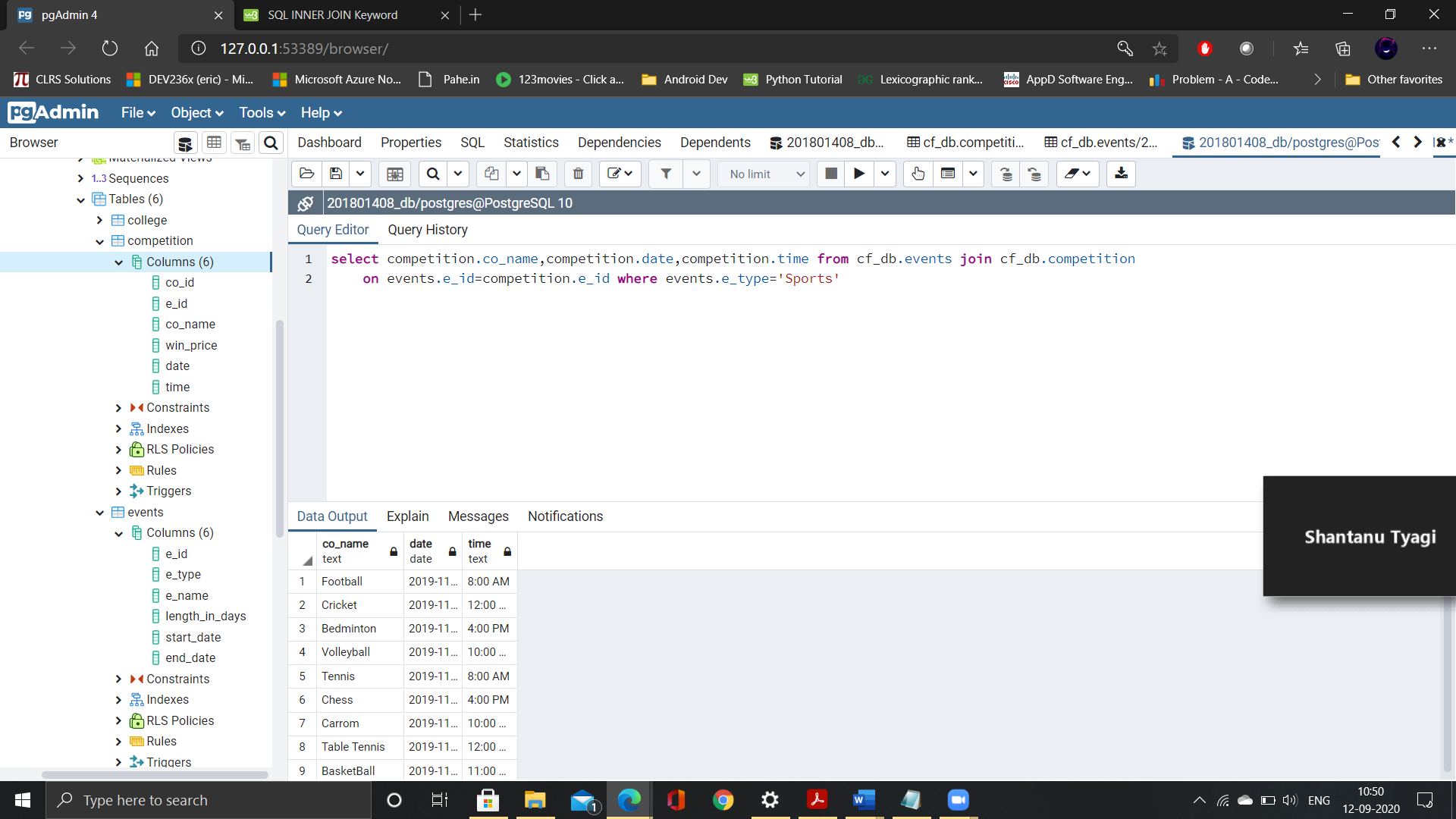
**41 rows**



1. **Find the list of ‘Sports’ competitions with name, date and starting time.**

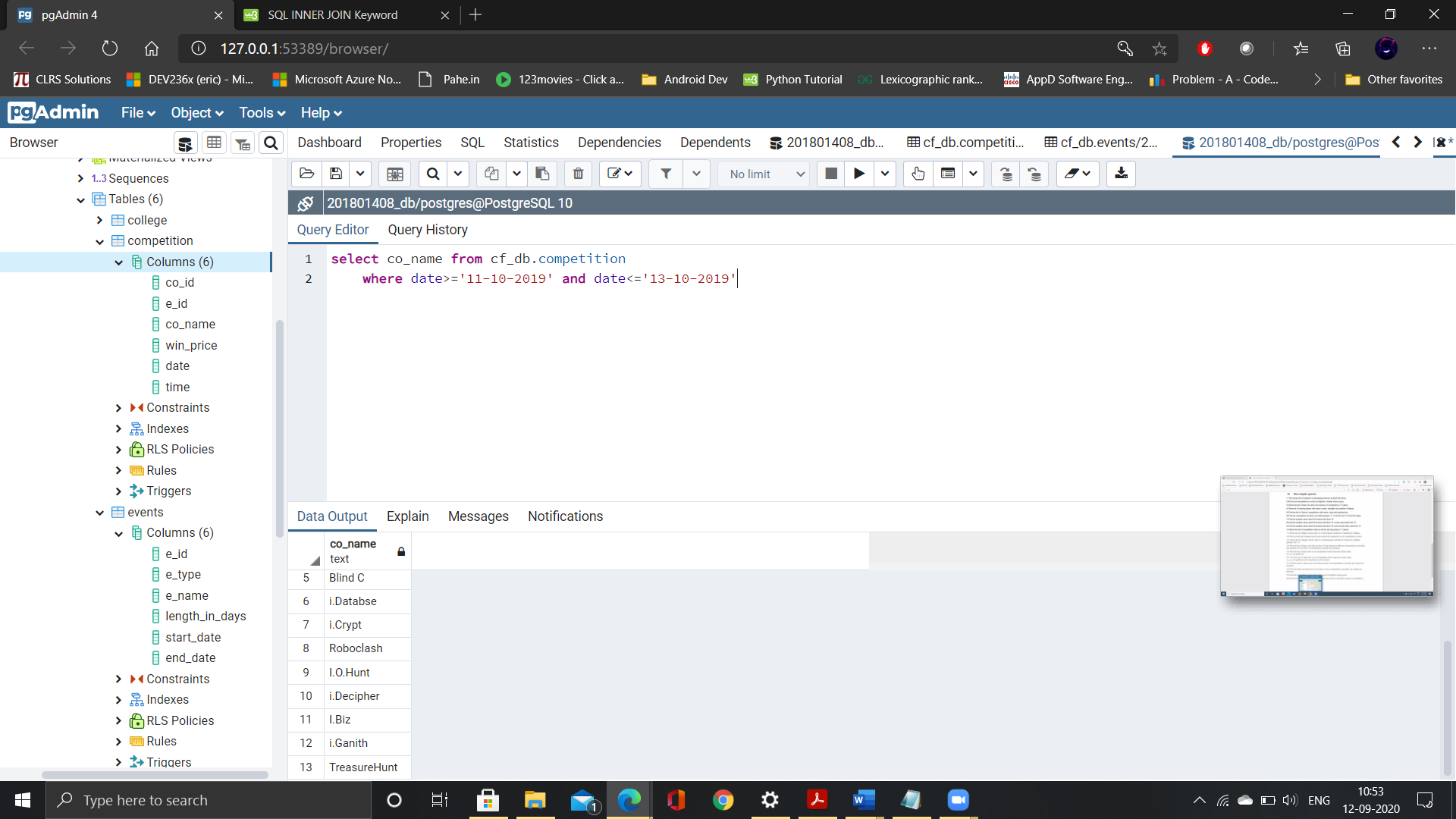
Select co\_name,date,time from cf\_db.competition join cf\_db.events on competition.e\_id=events.e\_id where e\_type=’Sports’

**9 rows**



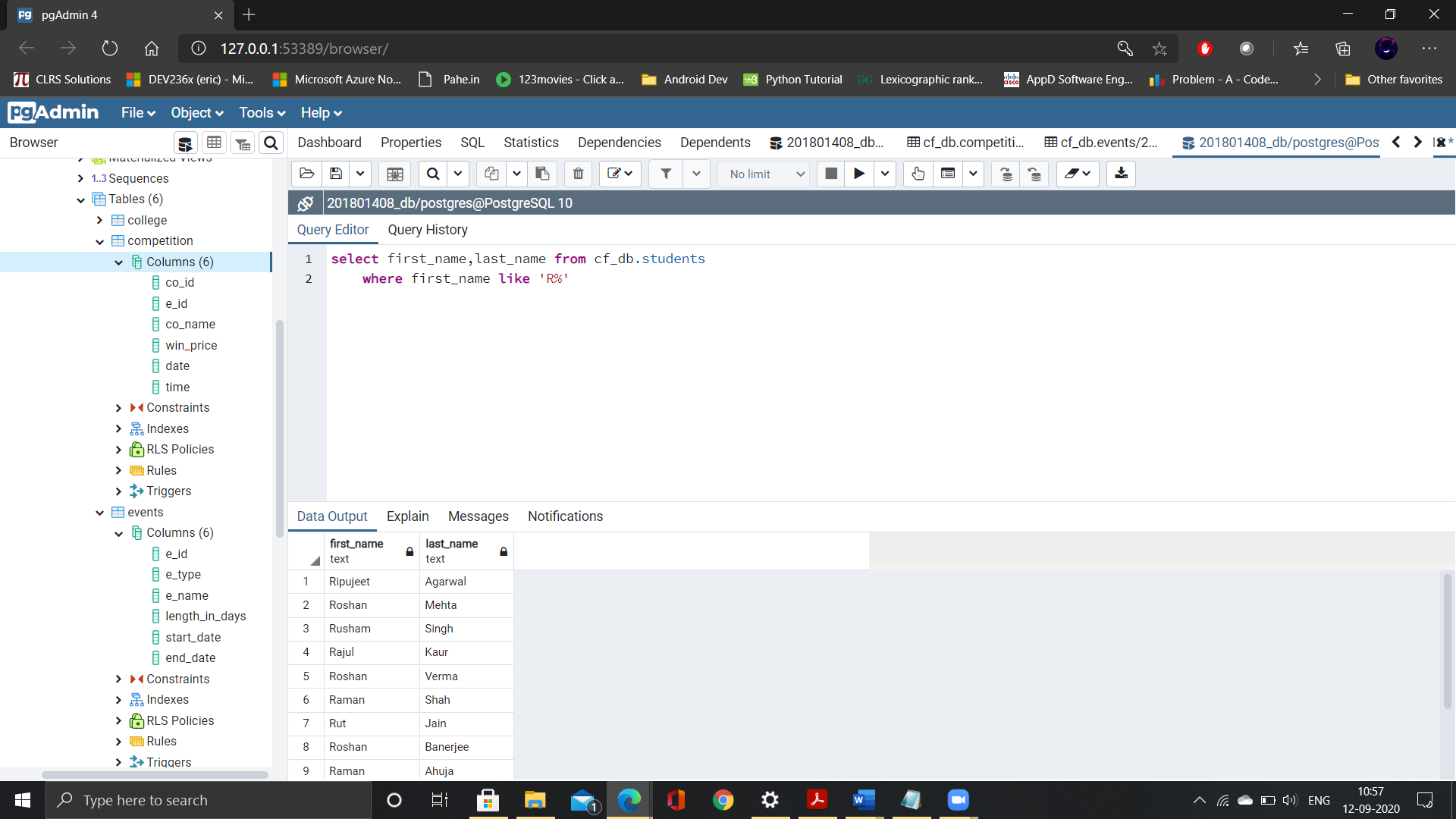
1. **Find the competition list which are held between '11-10-2019' and '13-10-2019' dates.**

Select co\_name from cf\_db.competition where date between ‘10-11-2019’ and ‘10-13-2019’

**13 rows**

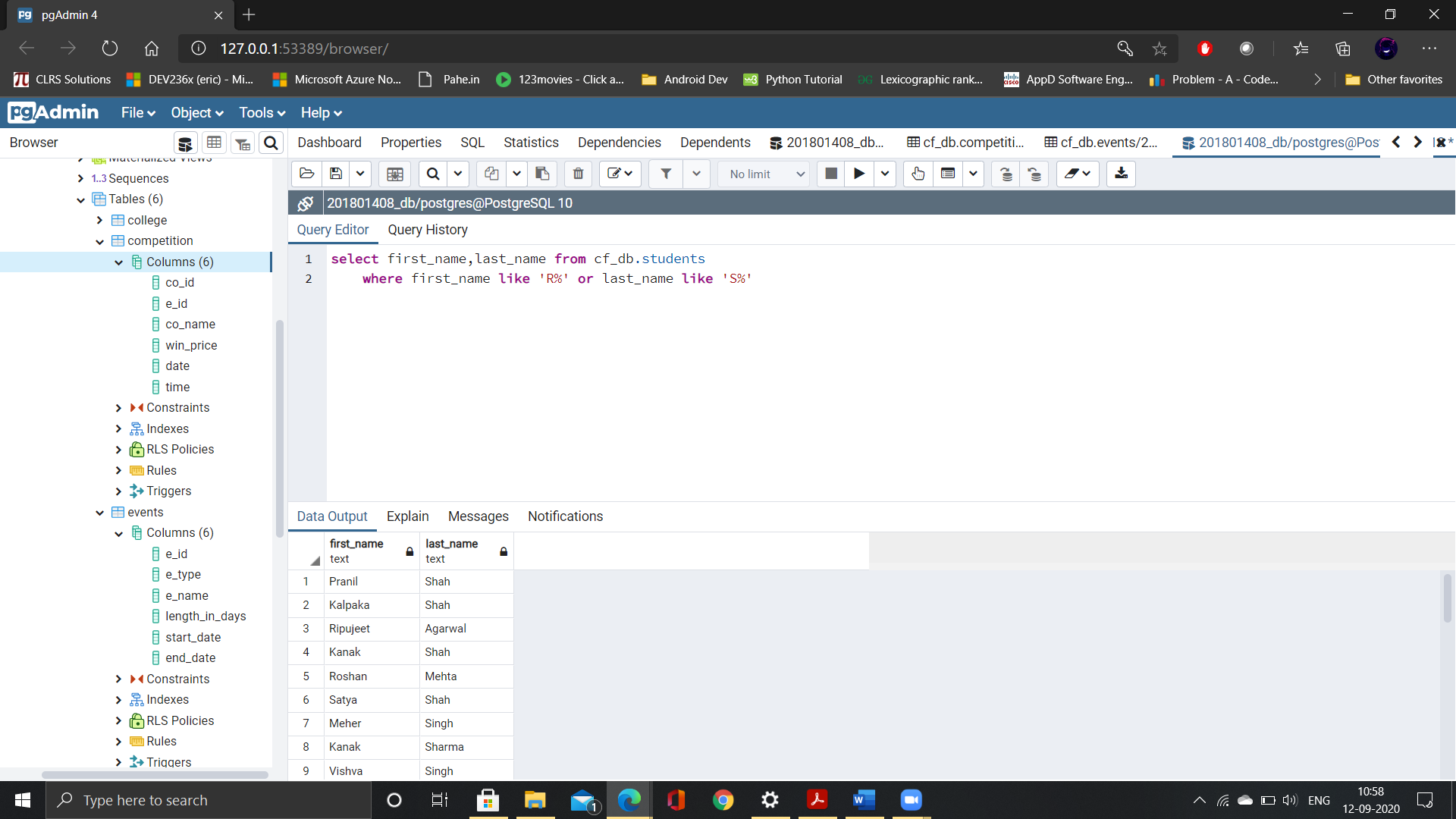
1. **Find the student name which first name start from ‘R’.**

Select first\_name,last\_name from cf\_db.students where first\_name like ‘R%’

**13 rows**

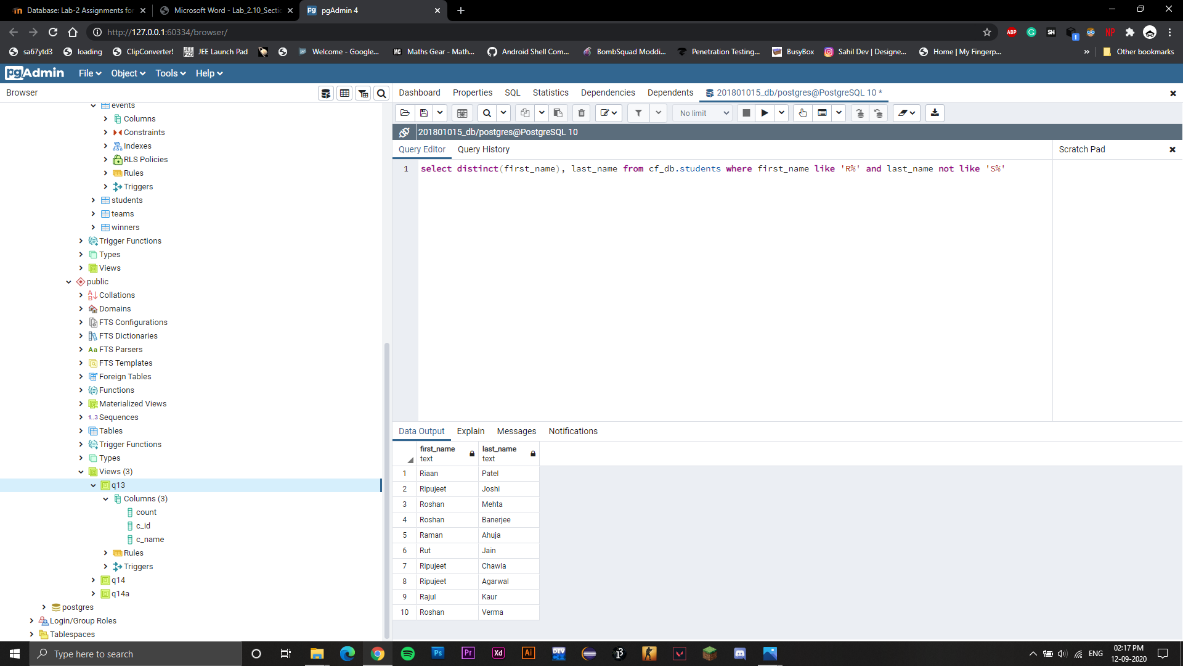
1. **Find the student name which first name start from ‘R’ or last name start from ‘S’.**

Select first\_name,last\_name from cf\_db.students where first\_name like ‘R%’ or last\_name like ‘S%’

**33 rows**

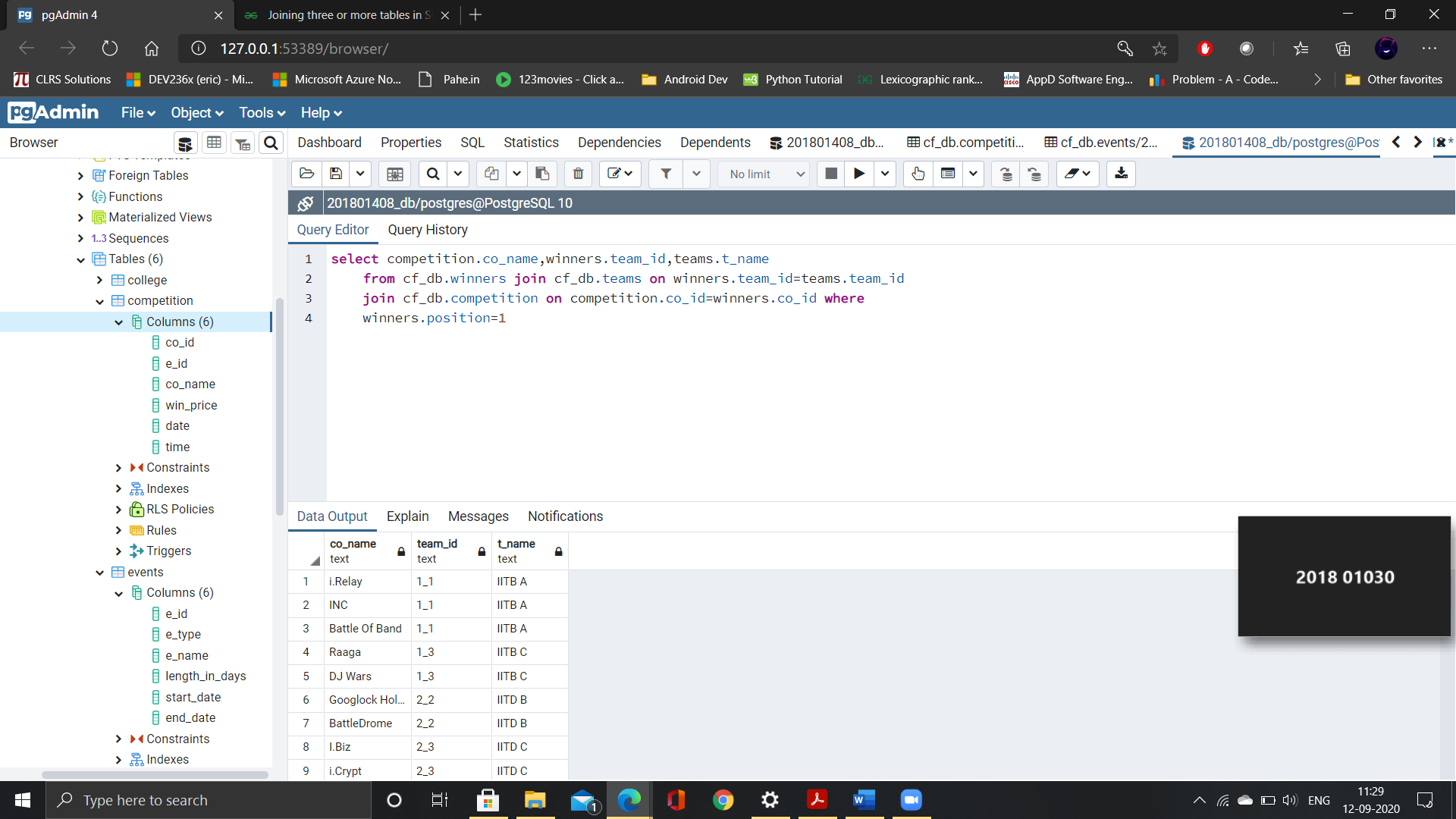
1. **Find the student name which first name start from ‘R’ and not last name start from ‘S’.**

Select distinct(first\_name), last\_name from cf\_db.students where first\_name like ‘R%’ and last\_name not like ‘S%’

**10 rows**

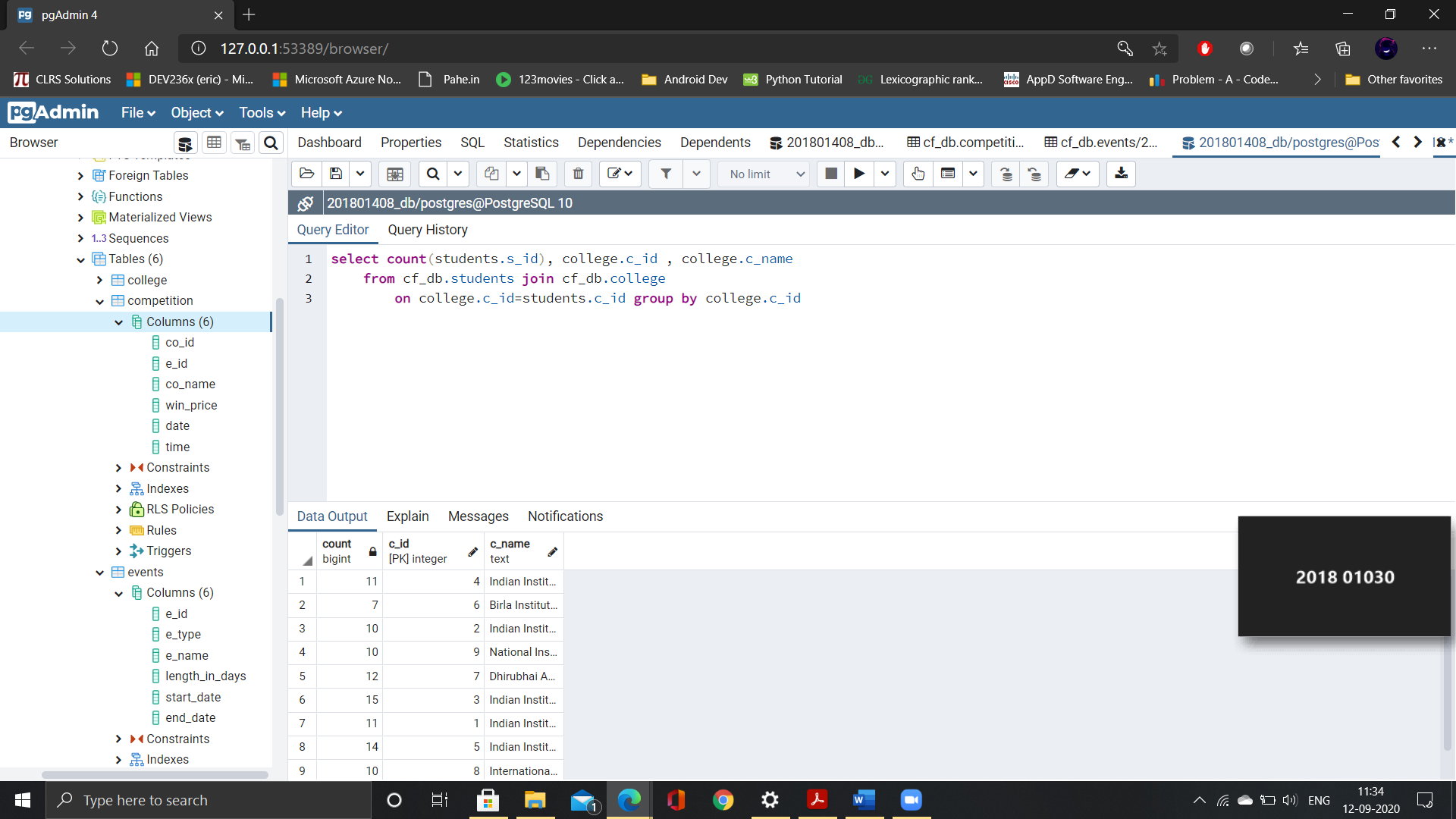
1. **Show the list of competition name and their winning teams (1st place).**

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**

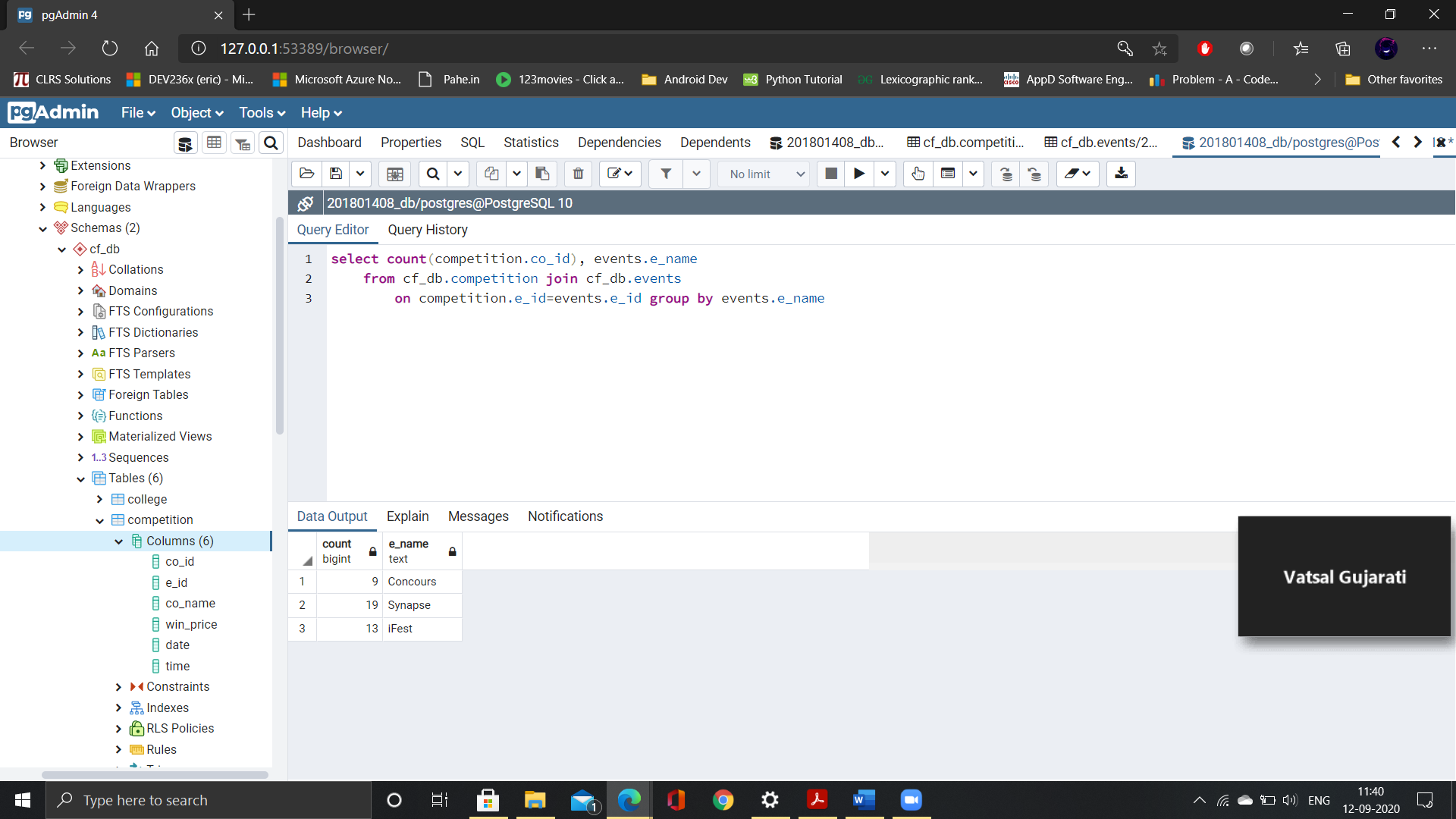
1. **Show list of collages names with no of participants students of respective colleges.**

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**

1. **Find out list that contain events name with their respective no of competitions counts.**

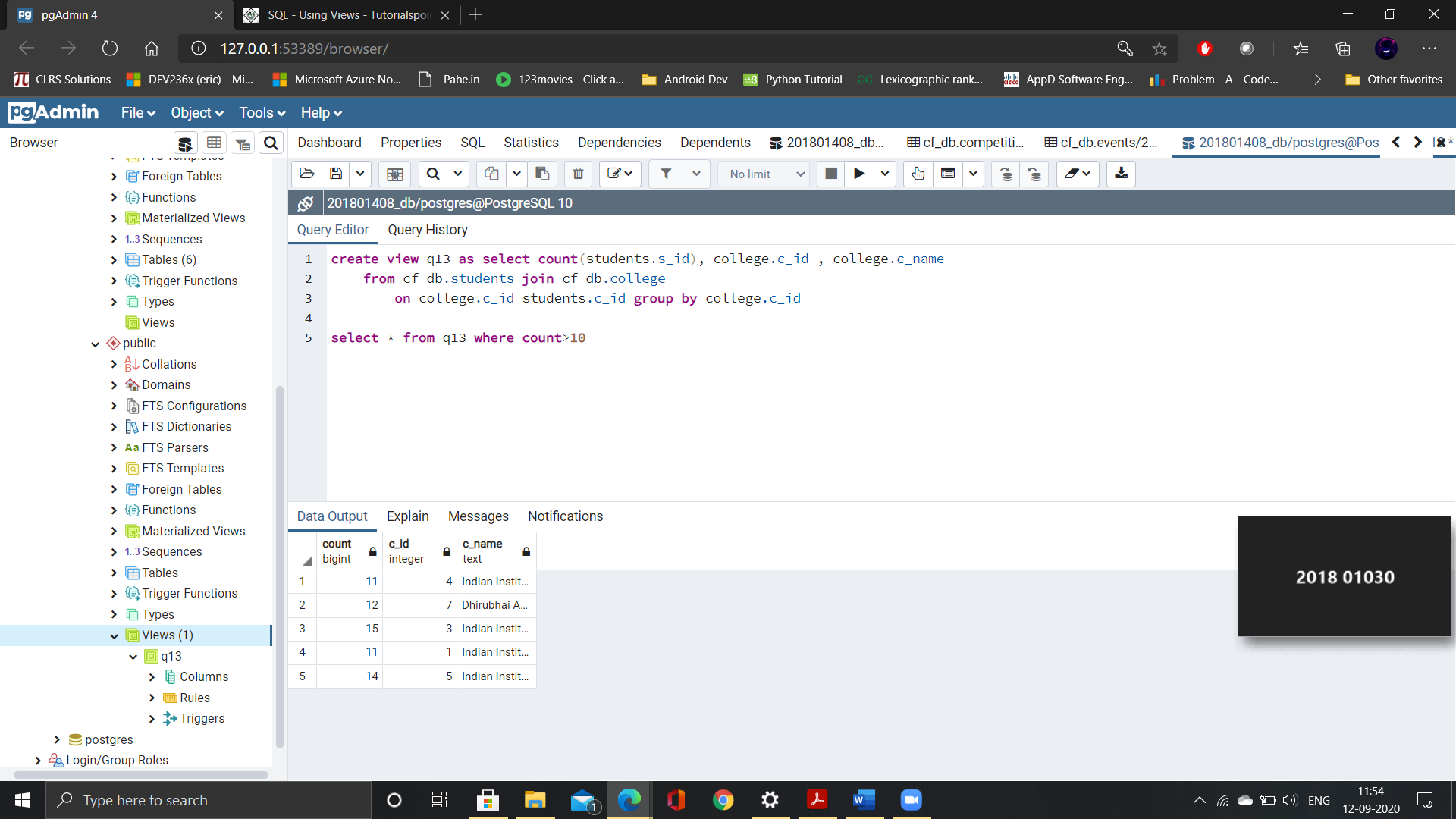
Select count(distinct competition.co\_name),events.e\_name from cf\_db.competiton join cf\_db.events on competition.e\_id=events.e\_id group by events.e\_name

**3 rows**

1. **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

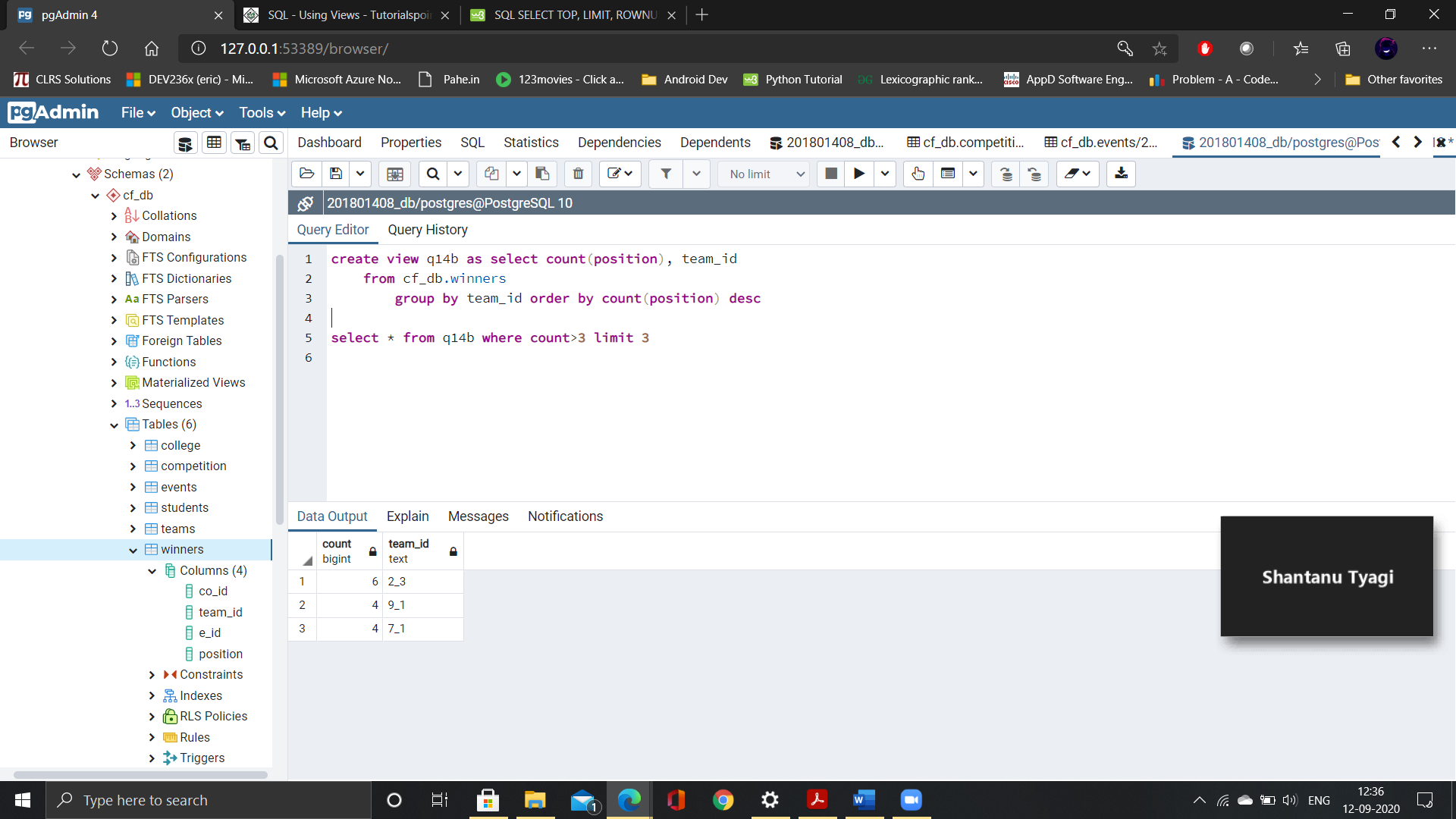
Select \* from q13 where count>10

**5 rows**

1. **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)**

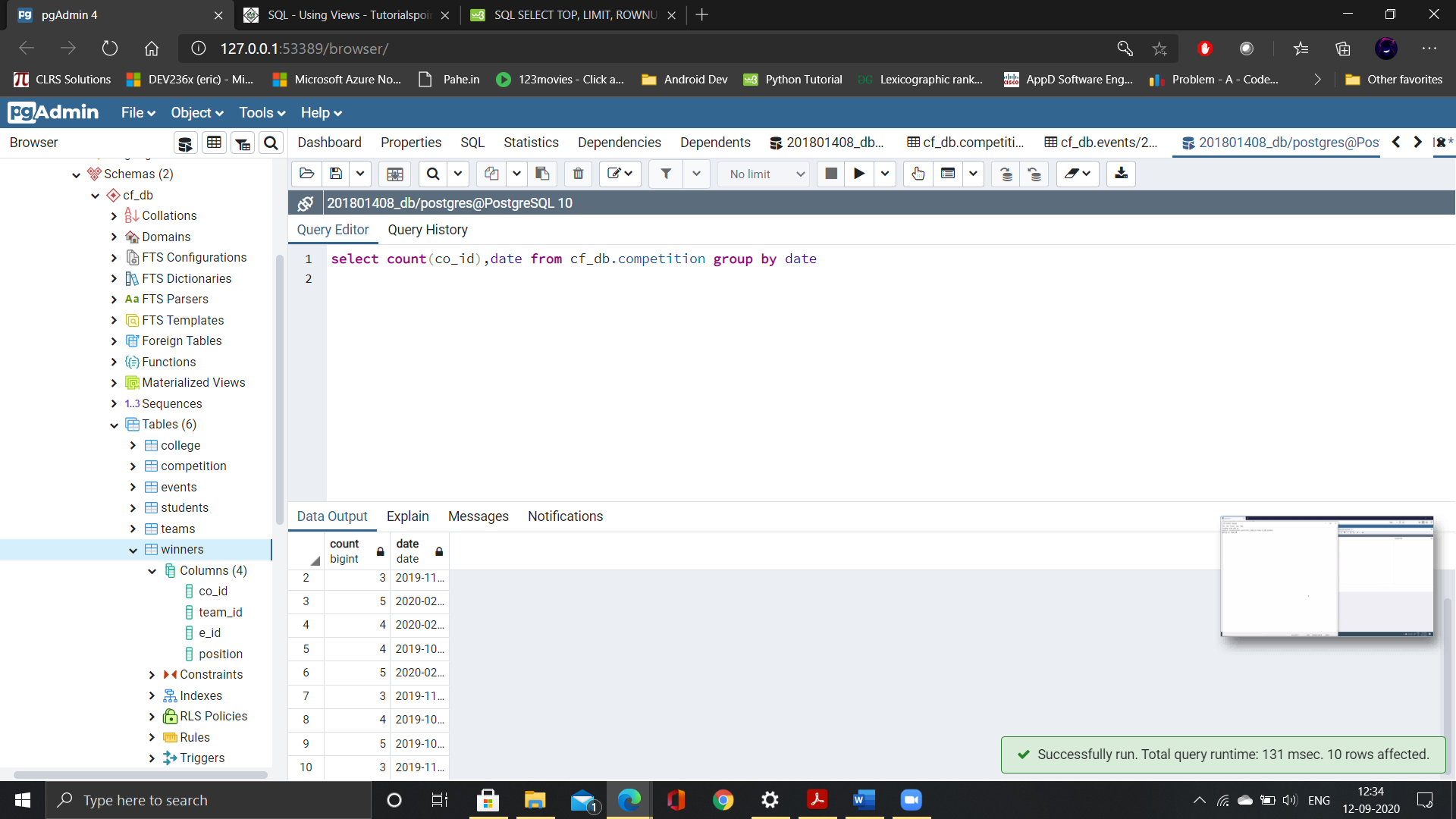
Create view q14 as select count(winners.position),team\_id from cf\_db.winners group by team\_id

Select \* from q14 where count>3 order by count desc limit 3

**3 rows**

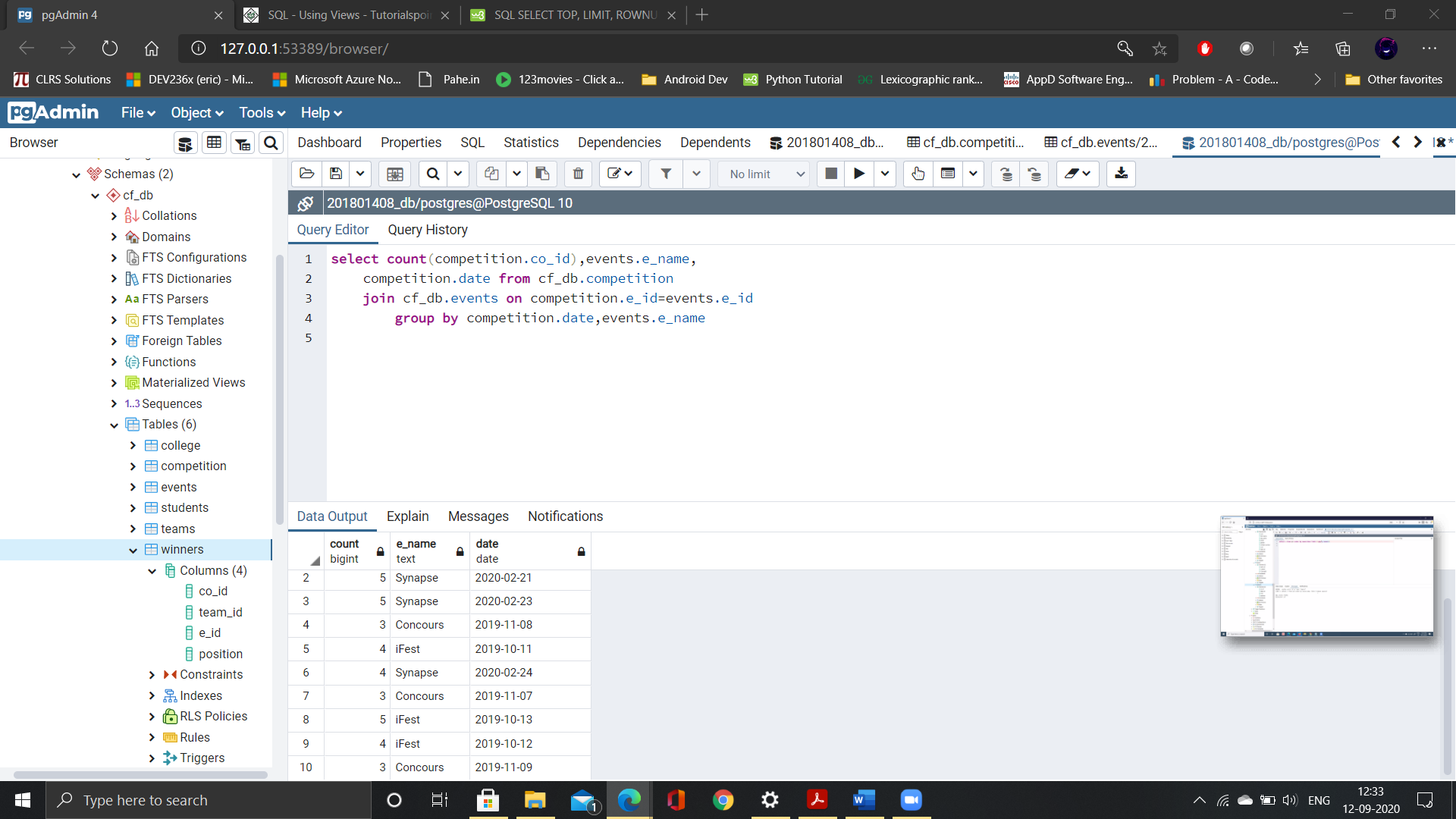
1. **Find the list of dates with no of competitions held respective dates (date , no\_of\_competitions)**

Select date,count(co\_id) from cf\_db.competiton group by competition.date

**10 rows**

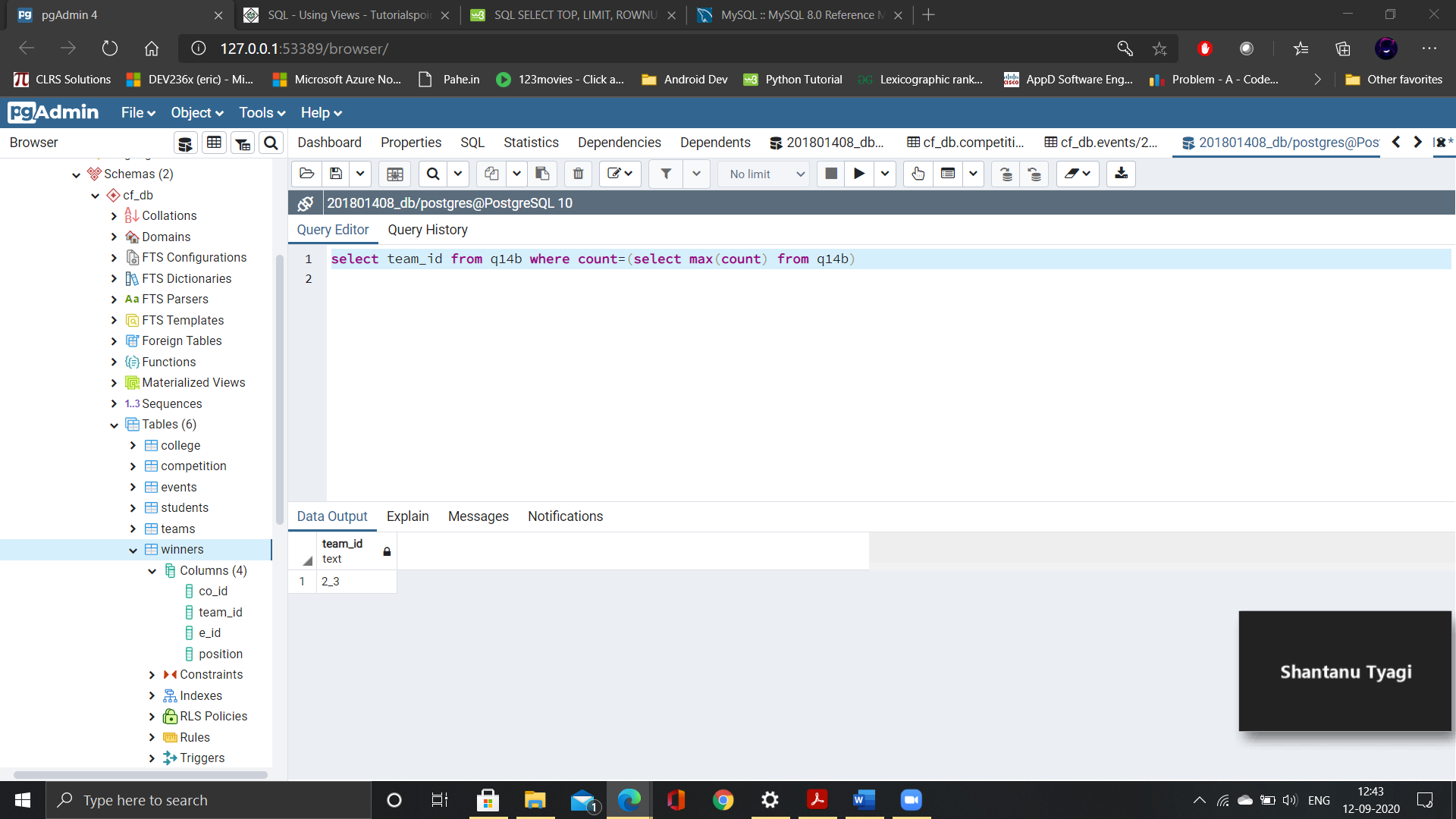
1. **Find the list of dates with no of competitions held respective dates (date, no\_of\_competitions) and respective events names.**

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**

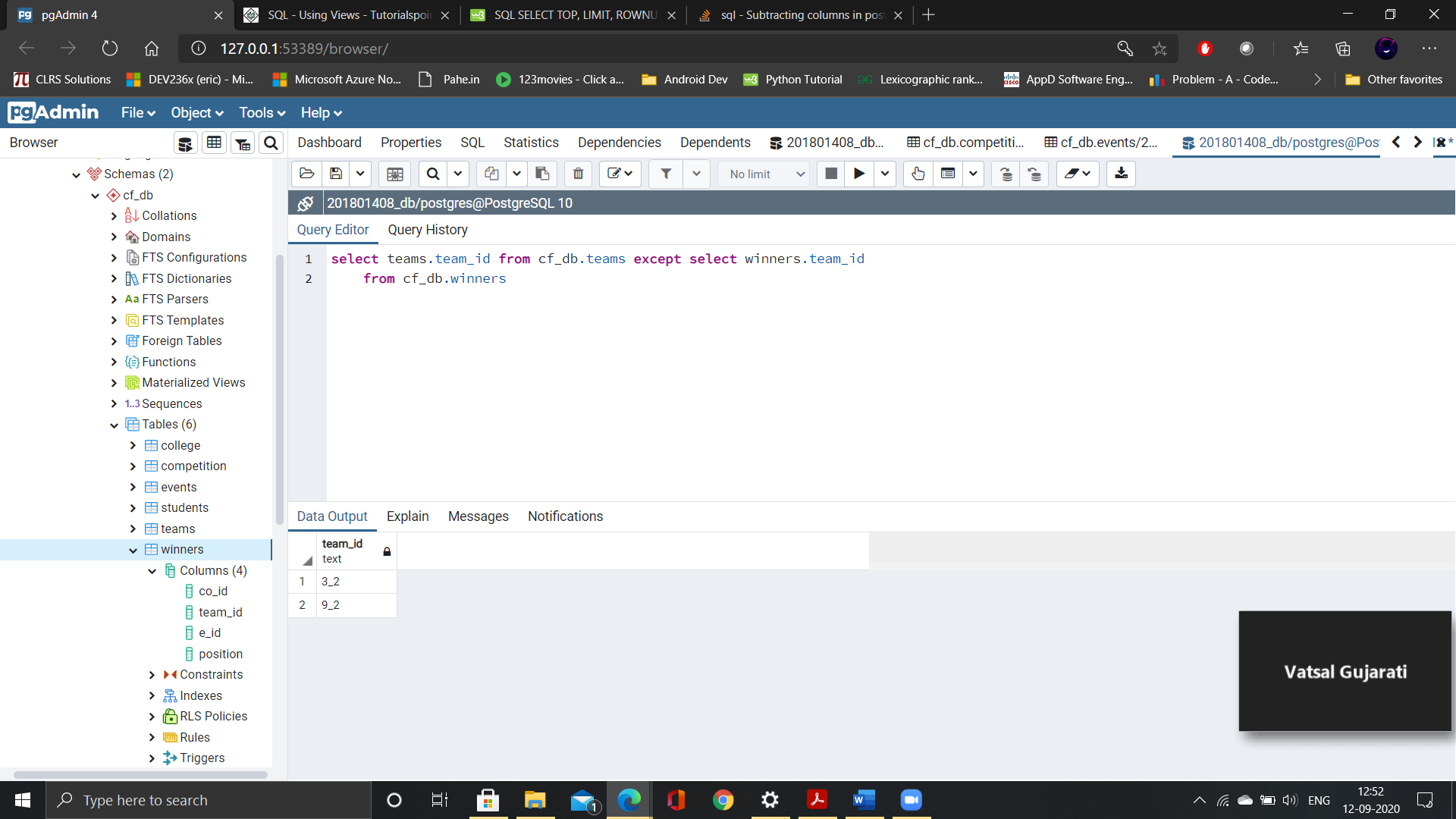
1. **Find the team id which are most times winners of competitions (consider top 3 place for winners)**

Select team\_id from q14 where count=(select max(count) from q14)

**1 row**

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

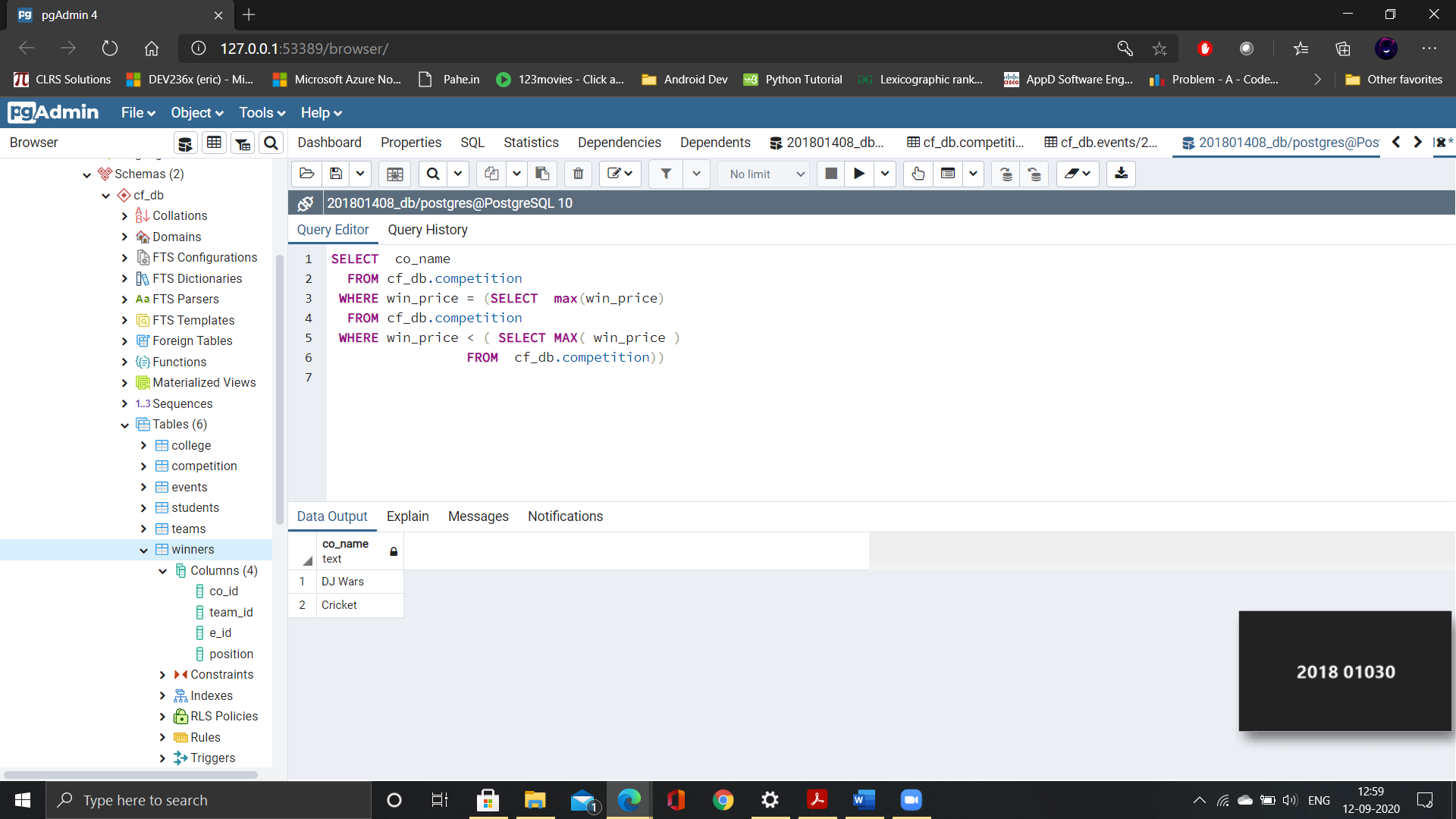
Select team\_id from cf\_db.teams except select distinct winners.team\_id from cf\_db.winners

**2 rows**

1. **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**



1. **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**

