

Lab – 2.10

SECTION10_COLLEGE_FEST_DATABASE

IT214 Database Management System, Autumn'2020; Instructor: minal_bhise@daiict, TA: 202011045@daiict.

Objectives: I) Run complex queries.

Submission: Each student team need to Upload a **single .pdf** file which will contain following things for all the queries listed in (III).

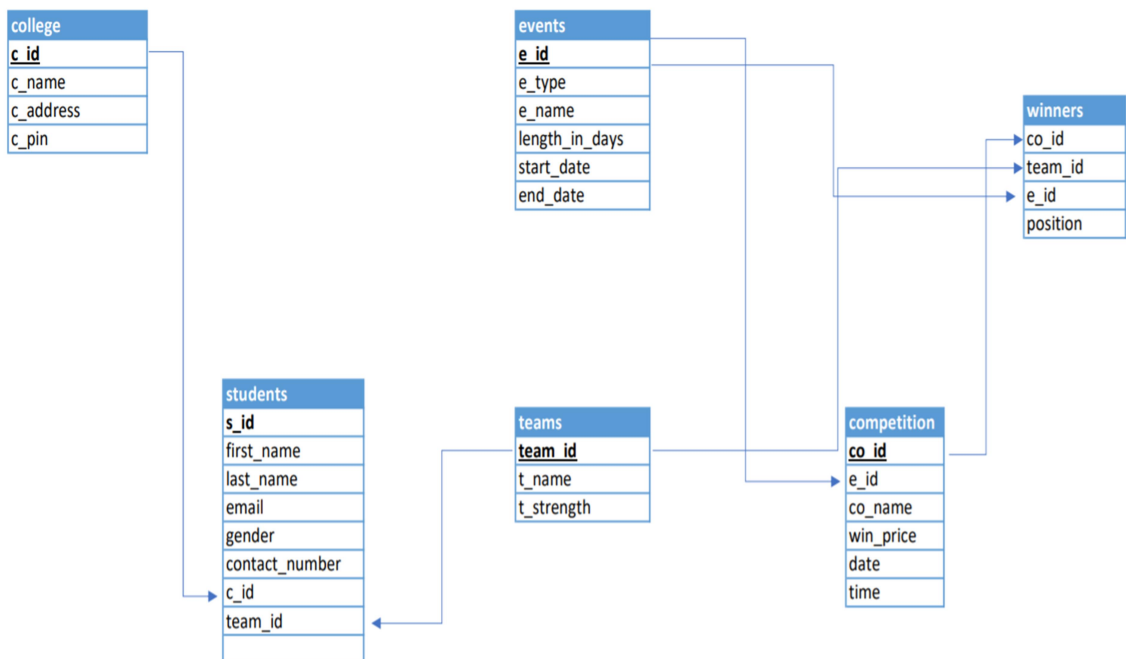
- 1) English query and SQL Query in the given sequence.
- 2) Screenshot of results.
- 3) Count of tuples in the results.

I. Set search path to schema:

- a. Expand your Database => Open Query Tool window from Tool. or From SQL Shell.
- b. Type following to Set search path.

SET SEARCH_PATH TO CF_DB;

- c. Table Schema Diagram.



II. Run complex queries.

- 1> find sorted list of students in decreasing manner by their first name.
- 2>find list of competitions in order by highest to lowest winner price.
- 3>Show the list of team ids which are winners of competitions (1st place)
- 4>Show list of winning teams with team's name, strength and position of teams
- 5>Find the list of 'Sports' competitions with name, date and starting time.
- 6>Find the competition list which are held between '11-10-2019' and '13-10-2019' dates.
- 7>Find the student name which first name start from 'R'.
- 8>Find the student name which first name start from 'R' or last name start from 'S'.
- 9>Find the student name which first name start from 'R' and not last name start from 'S'.
- 10>Show the list of competition name and their winning teams (1st place).
- 11>Show list of collages names with no of participants students of respective colleges.
- 12>Find out list that contain events name with their respective no of competitions counts.
- 13> Show list of collages names with no of participants students of respective colleges greater than 10.
- 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)
- 15>Find the list of dates with no of competitions held respective dates (date , no_of_competitions)
- 16> Find the list of dates with no of competitions held respective dates (date, no_of_competitions) and respective events names.
- 17>Find the team id which are most times winners of competitions (consider top 3 place for winners)
- 18>Find the team ids which are not winners of any competitions (consider top 3 place for winners).
- 19>Find the competition name which have second highest wining price.
- 20>Find the list of events with highest wining price of their respective event's competitions