Lab Assignments
SQL Simple Queries   **November 10th 2023**

SportsClub:

1. Return all male minors of the sportsClub that have a parent in the club and are not yet adult (<18 year old).

2. How many courses does the sportsClub offer per area?

3. List the areas that offer at least 3 courses or more.

4. Return the ages of the oldest and youngest member.

5. Return name, age and parent name of the youngest Club Member

6. Return for each course the number of member enrollments that the course has. (How many participants does each course have?)

7. How many trainers work in the Club?

8. How are NULL values treated when grouping?
    How many courses does each trainer teach? (Make sure that there is at least one course without a trainer)

9. Member table: Use a computation in the select statement that displays an additional column to the table which shows the entry age, that is, how old was the member when he / she joined the club?

10. How old were members on average when they joined the club?

11. How many kids (age 0-9), how many teens (age 10-19), how many youngAdults (age 20-29), how many familiyAgers (age 30-39), how many professionalAgers (age 40-49), how many bestAgers (age 50-59) and how many seniors (all other ages) does the club have?

12. Order the result output according to age groups ascending

University:

13. How many contact hours does each professor teach?

14. How many students take courses (at all)?

15. List the students that take courses (at all).

16. Which students take only 1 course?

17. Which professors have more than one assistant?