Write a query to find out which subjects are not associated with any track.

```
task1=# SELECT sub_name
FROM subject
LEFT JOIN track_sub ON subject.id = track_sub.sub_id
WHERE track_sub.track_id IS NULL;
sub_name
-------
(0 rows)
```

Display name and age of each student

```
task1=# SELECT e_name, DATE_PART('year', AGE(birth_date)) AS age
FROM student;
e_name | age
Ahmed Shawky | 30
Sara Hany | 34
Ali Zaki | 36
(3 rows)
task1=#
```

Display the name of students with their rounded score in each subject

```
task1=# SELECT student.e_name, subject.sub_name, ROUND(grades.gra
de) AS rounded score
FROM grades
JOIN student ON grades.stu_id = student.id
JOIN subject ON grades.sub_id = subject.id;
    e_name
                 sub_name | rounded_score
 Ahmed Shawky | HTML
                                        85
 Ahmed Shawky | Python
                                        90
 Sara Hany
              | Python
                                        78
 Ali Zaki
              | Networking |
                                        88
(4 rows)
task1=#
```

Display the name of students with the year of Birthdate

```
task1=# SELECT e_name, EXTRACT(YEAR FROM birth_date) AS birth_year
FROM student;
e_name | birth_year

Ahmed Shawky | 1995
Sara Hany | 1990
Ali Zaki | 1988
(3 rows)

task1=#
```

Add new exam result, in date column use NOW() function

Write a query to calculate the average grade obtained by a specific student across all exams.

Write a query to replace all occurrences of 'gmail.com' in email addresses

with 'iti.com'.

Write a query to calculate the difference in days between the current date and each exam date.

Write a query to check if each student's email address ends with '.com'.

Display each exam date like 'MM/DD/YYYY'

```
task1=# SELECT TO_CHAR(date, 'MM/DD/YYYY') AS formatted_date
FROM exam;
formatted_date

10/01/2024
12/15/2024
03/01/2025
04/30/2025
(4 rows)

task1=# select date from exam
task1-#;
    date

2024-10-01
2024-12-15
2025-03-01
2025-04-30
(4 rows)

task1=#
```