Create a view for student names with their subjects' names which they will study.

```
student_tracking=# CREATE VIEW student_subjects_view AS
SELECT s.e_name AS student_name, sub.sub_name AS subject_name
FROM student s
JOIN stu_sub ss ON s.id = ss.stu_id
JOIN subject sub ON ss.sub_id = sub.id;
CREATE VIEW
```

Create a view for tracks names and the subjects which belong to it.

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

```
CREATE VIEW
student_tracking=# SELECT sub.sub_name
FROM subject sub
LEFT JOIN track_sub ts ON sub.id = ts.sub_id
WHERE ts.track_id IS NULL;
sub_name
------
```

Display name and age of each students

```
student tracking=# SELECT e name AS student name,
       EXTRACT(YEAR FROM AGE(birth date)) AS age
FROM student:
 student name | age
Mohammed Ali
                   34
Ahmed Hassan
                   32
Aisha Mohammed |
                   32
Fatima Ahmed
                   29
Mohammed Omar
                   35
Ali Mohammed
                   33
```

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

## Display the name of students with the year of Birthdate

```
student_tracking=# SELECT e_name AS student_name,
     EXTRACT(YEAR FROM birth_date) AS birth_year
FROM student;
 student_name | birth_year
Mohammed Ali | 1990
Ahmed Hassan
                 1992
                  1993
Aisha Mohammed |
Fatima Ahmed |
                  1995
Mohammed Omar
                  1989
Ali Mohammed 1991
(6 rows)
```

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

```
student_tracking=# INSERT INTO exam (date) VALUES (NOW()) RETURNING id;
id
----
4
(1 row)
```

```
student_tracking=#
INSERT INTO grades (stu_id, sub_id, exam_id, grade) VALUES
(1, 1, 4, 85),
(2, 3, 4, 90),
(3, 2, 4, 78);
INSERT 0 3
```

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'.

```
student_tracking=# UPDATE student
SET email = REPLACE(email, 'example.com', 'iti.com')
WHERE email LIKE '%example.com';
UPDATE 6
student tracking=#
```

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'.

## DB structure

