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

2.Display name and age of each students

```
testdb=# SELECT student.e_name AS name, AGE(CURRENT_DATE, birth_date) AS age FROM student;
    name
                         age
 John Smith | 23 years 11 mons
            | 24 years 11 mons 21 days
| 24 years 11 mons 15 days
Mohamed
 Nada
(3 rows)
testdb=# SELECT student.e_name AS name, EXTRACT(YEAR FROM AGE(CURRENT_DATE, birth_date)) AS age FROM
student:
    name
            | age
John Smith | 23
            24
 Mohamed
 Nada
(3 rows)
```

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

```
testdb=# WITH student_subject AS (SELECT student.id, e_name, stu_sub.stu_id, stu_sub.sub_id FROM student JOIN stu_sub ON student.id = stu_sub.stu_id) SELECT student_subject.sub_id, e_name, R ONNO(grade) FROM student_subject JOIN grades ON student_subject.sub_id = grades.sub_id;

sub_id | e_name | round

2 | Nada | 79
2 | Nada | 80
(2 rows)

testdb=# SELECT * FROM student;
testdb=# SELECT * FROM stu_sub;
stu_id | sub_id

1 | 2 | 3 | 3
(2 rows)

testdb=# SELECT * FROM grades;
stu_id | sub_id | exam_id | grade

1 | 1 | 1 | 85.5
1 | 2 | 1 | 78.9
1 | 2 | 3 | 80.0
(3 rows)

testdb=# SELECT # SELECT * FROM grades;
stu_id=# SELECT * FROM grades;
stu_id | sub_id | exam_id | grade
```

4.Display the name of students with the year of Birthdate

```
testdb=# SELECT student.e_name, EXTRACT (YEAR FROM student.birth_date) FROM student;
  e_name | extract
John Smith | 2001
Mohamed
                2000
Nada
                2000
(3 rows)
testdb=# SELECT student.e_name, EXTRACT (YEAR FROM student.birth_date) AS year_of_birth FROM student;
  e_name | year_of_birth
John Smith |
                      2001
Mohamed
                      2000
Nada
                      2000
(3 rows)
```

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

```
testdb=# INSERT INTO exam VALUES (4,NOW());
INSERT 0 1
```

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

```
testdb=# SELECT AVG(grade) FROM grades WHERE stu_id = 1;
avg
------89.6666666666666666667
(1 row)
```

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

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

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

```
testdb=# SELECT email FROM student;
email

john.smith@university.edu
emily.j@university.edu
dddss@gmail.com
(3 rows)

testdb=# SELECT email FROM student WHERE email LIKE '%.com';
email

dddss@gmail.com
(1 row)
```

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