

Pop Ruxandra Maria grp 30226

10-1: Fundamentals of Subqueries

- Vocabulary

- 1.outer query
- 2.Multiple-row subqueries
- 3.subquery
- 4.pair_pair_wise multiple column subqueries
subqueries
- 5.Single-row subqueries
- 6.non_pair_wise multiple column subqueries
- 7.inner query

- Try It / Solve It

1.
The purpose of the subquery is to find out all the information that the user doesn't know

2.
A subquery is a select statement within another select statement

3.
`select song_id
from d_play_list_items
where event_id =(select event_id from d_play_list_items WHERE song_id =45);`

4.
`SELECT id, name
FROM d_events
where cost>(select cost from d_events WHERE id = 100);`

5.
`SELECT track
FROM d_track_listings
WHERE cd_number = (SELECT cd_number FROM d_cds WHERE title = 'Party Music for
All Occasions');`

6.
`select id,name
from d_events
where theme_code =(select code from d_themes where description ='Tropical')`

7.

```
select first_name,last_name  
from f_staffs  
where salary >(select salary from f_staffs where id=12)
```

8.

```
SELECT first_name,last_name  
FROM f_staffs  
WHERE staff_type != (SELECT staff_type FROM f_staffs WHERE first_name = 'Bob' AND  
last_name ='Miller');
```

9.

```
SELECT first_name,last_name  
FROM employees  
where department_id=(select department_id FROM departments WHERE  
department_name = 'IT');
```

10.

```
SELECT department_name  
FROM departments  
where location_id=(select location_id FROM locations WHERE city='Seattle');
```

11.

- a.true
- b.true
- C.false