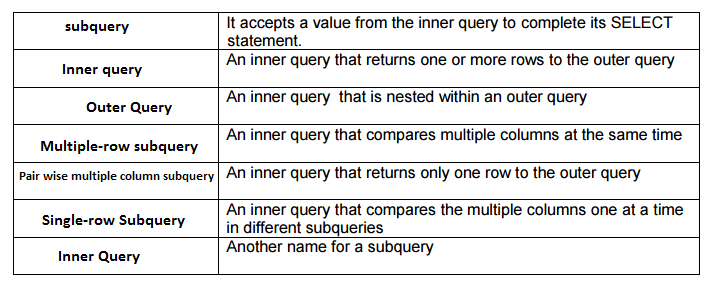
**Asiqul Hoque**

**Section 6 Lesson 1:Fundamentals of Subqueries**



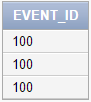
**1.Subqueries enable us to find information we need so that we can get the information we want.**

**2. A subquery is a SELECT statement that is embedded in a clause of another SELECT statement.**

**3. SELECT event\_id**

**FROM d\_play\_list\_items**

**WHERE event\_id=(select event\_id from d\_play\_list\_items WHERE song\_id=45);**

****

**4. SELECT name**

**FROM d\_events**

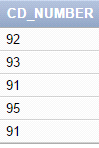
**WHERE cost>(select cost from d\_events where id=100);**

****

**5. SELECT cd\_number**

**from d\_track\_listings**

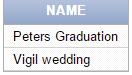
**WHERE song\_id=(SELECT song\_id FROM d\_cds WHERE title='Party Music for All Occasions');**

****

**6. SELECT name**

**FROM d\_events**

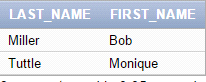
**WHERE theme\_code=(SELECT code FROM d\_themes where description='Tropical');**

****

**7. SELECT last\_name,first name**

**FROM f\_staffs**

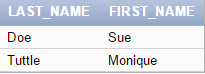
**WHERE salary>(select salary from f\_staffs where id=12);**

****

**8. SELECT last\_name,first\_name**

**from f\_staffs**

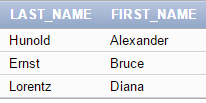
**where staff\_type!=(select staff\_type from f\_staffs where last\_name='Miller' and first\_name='Bob');**

****

**9. SELECT last\_name,first\_name**

**FROM employees**

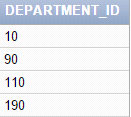
**WHERE department\_id=(select department\_id from departments where department\_name='IT');**

****

**10. SELECT department\_id**

**FROM departments**

**WHERE location\_id=(select location\_id from locations where city= 'Seattle');**

****

**11.**

**True**

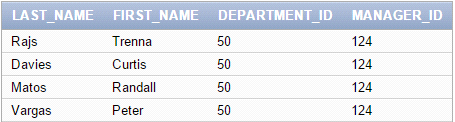
**False**

**True**

**12. SELECT last\_name,first\_name,department\_id, manager\_id**

**FROM employees**

**WHERE (manager\_id,department\_id) IN (select manager\_id,department\_id FROM employees WHERE employee\_id IN (141));**

****

**13. SELECT last\_name,first\_name,manager\_id,department\_id**

**FROM employees**

**WHERE manager\_id IN (Select manager\_id**

**from employees**

**where employee\_id IN (141))**

**AND department\_id IN (select department\_id**

**from employees**

**where employee\_id IN (141));**

