select t.name from (tools t join used\_for u on u.tid=t.tid)join fruits f on f.pid=u.pid;

select e.name from (employee e join manages m ON m.mid=e.eid) where m.mid in (select m.mid from manages m join fruits f on f.pid=m.pid);

select t.name from (tools t join used\_for u on u.tid=t.tid)join fruits f on f.pid=u.pid;

select e.name from (employee e join manages m ON m.mid=e.eid) where m.mid in (select m.mid from manages m join fruits f on f.pid=m.pid);

select c.cid,c.name from customer c where c.name like 'J%';

cid | name

-----+------------

101 | John Doe

102 | Jane Smith

select cid,c.name from customer c where c.cid in (select cid from orders where oamount=(select max(oamount) from orders));

cid | name

-----+------------------

109 | William Anderson

select c.name,o.\* from customer c join orders o on o.cid=c.cid order by odate limit 1;

name | oid | odate | oamount | quantity | pid | cid

------------------+-----+------------+---------+----------+-----+-----

William Anderson | 206 | 2023-01-10 | 96000 | 100 | 415 | 109

query 1

select name from garden\_owners where gid in(select o.gid from owns o join berries b on o.pid=b.pid);

name

--------

Nisarg

ABC

XYZ

(3 rows)

query 2

postgres=# select seid,count(\*) from product group by seid order by seid;

seid | count

------+-------

1 | 4

2 | 4

3 | 4

4 | 4

5 | 4

(5 rows)

query 3

select distinct e.name,t.name from (employee e join manages m ON m.mid=e.eid), (tools t join used\_for u on u.tid=t.tid)join fruits f on f.pid=u.pid where m.mid in (select m.mid from manages m join fruits f on f.pid=m.pid);

name | name

----------------+----------------

Richard Wilson | Leaf Blower

Daniel Brown | Hedge Trimmer

Daniel Brown | Watering Can

Richard Wilson | Hedge Trimmer

Richard Wilson | Watering Can

Richard Wilson | Garden Trowel

David Anderson | Hedge Trimmer

David Anderson | Leaf Blower

Daniel Brown | Pruning Shears

Daniel Brown | Garden Trowel

Daniel Brown | Leaf Blower

David Anderson | Pruning Shears

David Anderson | Watering Can

David Anderson | Garden Trowel

Richard Wilson | Pruning Shears