

Query - postgres on postgres@127.0.0.1:5432 *

postgres on postgres@127.0.0.1:5432

SQL Editor Graphical Query Builder

Previous queries

```
where agents.aid = orders.aid
AND cid = 'c006';

--Question2
select distinct pid
from orders, customers, agents
where orders.cid = customers.cid
AND orders.aid = agents.aid
AND customers.city = 'Kyoto'
order by pid DESC;
```

Scratch pad

Output pane

Data Output Explain Messages History

	pid character(3)
1	p07
2	p01

Query - postgres on postgres@127.0.0.1:5432 *

postgres on postgres@127.0.0.1:5432

SQL Editor Graphical Query Builder

Previous queries

```
--Question1
select city
from agents, orders
where agents.aid = orders.aid
AND cid = 'c006';

--Question2
select distinct pid
from orders, customers, agents
where orders.cid = customers.cid
```

Scratch pad

Output pane

Data Output Explain Messages History

	city text
1	New York
2	Tokyo
3	Dallas

Query - postgres on postgres@127.0.0.1:5432 *

SQL Editor Graphical Query Builder

Previous queries

```
AND customers.city = 'Kyoto'
order by pid DESC;

--Question3
select name
from customers
where cid not in (select cid
                  from orders
                  );
```

Scratch pad

Output pane

Data Output Explain Messages History

	name	text
1	Weyland	

Query - postgres on postgres@127.0.0.1:5432 - [/Users/lauraflorez/Desktop/DatabaseManagement/Lab5/Lab5.sql]

SQL Editor Graphical Query Builder

Previous queries

```
from customers
where cid not in (select cid
                  from orders
                  );

--Question4
select distinct name
from customers left outer join orders on customers.cid = orders.cid
where orders.cid is null;
```

Scratch pad

Output pane

Data Output Explain Messages History

	name	text
1	Weyland	

Query - postgres on postgres@127.0.0.1:5432 - [/Users/lauraflorez/Desktop/DatabaseManagement/Lab5/Lab5.sql] *

SQL Editor Graphical Query Builder

Previous queries

```
from customers left outer join orders on customers.cid = orders.cid
where orders.cid is null;

--Question5
select customers.name AS "Customer", agents.name AS "Agent"
from customers, agents, orders
where customers.cid = orders.cid
AND agents.aid = orders.aid
AND agents.city = customers.city;
```

Scratch pad

Output pane

Data Output Explain Messages History

	Customer text	Agents text
1	Tiptop	Otasi
2	Tiptop	Otasi

Query - postgres on postgres@127.0.0.1:5432 - [/Users/lauraflorez/Desktop/DatabaseManagement/Lab5/Lab5.sql] *

SQL Editor Graphical Query Builder

Previous queries

```
from customers, agents, orders
where customers.cid = orders.cid
AND agents.aid = orders.aid
AND agents.city = customers.city;

--Question6
select distinct customers.name AS "Customer", agents.name AS "Agent", agents.city
from customers, agents, orders
where customers.city = agents.city;
```

Scratch pad

Output pane

Data Output Explain Messages History

	Customer text	Agent text	SharedCity text
1	ACME	Otasi	Duluth
2	Allied	Smith	Dallas
3	Tiptop	Otasi	Duluth
4	Tyrell	Smith	Dallas

Query - postgres on postgres@127.0.0.1:5432 - [/Users/lauramorez/Desktop/]

SQL Editor Graphical Query Builder

Previous queries

```
AND agents.city = customers.city;

--Question6
select distinct customers.name AS "Customer", agents.name AS "Agent", agents.city AS "SharedCity"
from customers, agents, orders
where customers.city = agents.city;

--Question7
select customers.name, customers.city
from customers
where city in (select city
               from products
               group by city
               having count(city) in ( (select MIN(MinimumCount)
                                       from (select count(city) AS MinimumCount
                                             from products
                                             group by products.city
                                             ) AS Count
                                       ) )
               );
```

Output pane

Data Output Explain Messages History

	name text	city text
1	Tiptop	Duluth
2	ACME	Duluth