

pgAdmin 4

pgAdmin 4 File Object Tools Help

Browser

Servers (1)

- PostgreSQL 9.6
 - Databases (4)
 - CAP4
 - Casts
 - Catalogs
 - Event Triggers
 - Extensions
 - Foreign Data Wrappers
 - Languages
 - Schemas
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 - template1
 - Login/Group Roles
 - Tablespaces

Dashboard Properties SQL Statistics Dependencies Dependents X:/Debbie/database/cap4.sql * X:/Debbie/database/class3.sql X:/Debbie/databases

CAP4 on postgres@PostgreSQL 9.6

```
1 --02-03-2017 Lab 3
2 -- Question 1
3
4 select ordNumber,
5        totalUSD
6 from orders;
```

Data Output Explain Messages History

	ordnumb... integer	totalusd numeric ...
<input type="checkbox"/>	1011	450
<input type="checkbox"/>	1012	880
<input type="checkbox"/>	1015	1104
<input type="checkbox"/>	1016	500
<input type="checkbox"/>	1017	540
<input type="checkbox"/>	1018	540
<input type="checkbox"/>	1019	180
<input type="checkbox"/>	1020	600
<input type="checkbox"/>	1021	460
<input type="checkbox"/>	1022	720
<input type="checkbox"/>	1023	450
<input type="checkbox"/>	1024	400
<input type="checkbox"/>	1025	720
<input type="checkbox"/>	1026	744

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X:/Debbie/database/cap4.sql X:/Debbie/database/class3.sql X:/Debbie/database/DeborahSylvesterLab3.sql

CAP4 on postgres@PostgreSQL 9.6

```
4 select ordNumber,
5     totalUSD
6 from orders;
7
8 -- Question 2
9
10 select name,
11        city
12 from agents
13 where name = 'Smith';
```

Data Output Explain Messages History

	name text	city text
<input type="checkbox"/>	Smith	New York
<input type="checkbox"/>	Smith	Dallas

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SQL Editor

SQL Query: X:/Debbie/database/cap4.sql * X:/Debbie/database/class3.sql X:/Debbie/database/DeborahSylvesterLab3.sql

Tools: No limit

SQL Query:

```
14 where name = 'Smith';
15
16 -- Question 3
17
18 select pid,
19        name,
20        priceUSD
21 from products
22 where quantity > 200100;
23
```

Execution: CAP4 on postgres@PostgreSQL 9.6

Data Output Explain Messages History

	pid	character	name	priceusd	numeric ...
<input type="checkbox"/>	p02	brush		0.5	
<input type="checkbox"/>	p05	pencil		1	
<input type="checkbox"/>	p08	eraser		1.25	

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CAP4 on postgres@PostgreSQL 9.6

```
25
26 -----
27 -- Question 4
28
29 select name,
30        city
31 from customers
32 where city = 'Duluth';
33
34
```

Data Output Explain Messages History

	name text	city text
<input type="checkbox"/>	Tiptop	Duluth
<input type="checkbox"/>	ACME	Duluth

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CAP4 on postgres@PostgreSQL 9.6

33343536373839404142

-- Question 5

select name
from agents
where city <> 'New York' and
city <> 'Duluth';

Data OutputExplainMessagesHistory

<input checked="" type="checkbox"/>	name text	
<input type="checkbox"/>	Jones	
<input type="checkbox"/>	Perry	
<input type="checkbox"/>	Smith	
<input type="checkbox"/>	Bond	

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CAP4 on postgres@PostgreSQL 9.6

42-----

43-- Question 6

44

45select pid,

46name,

47city,

48quantity,

49priceUSD

50from products

51where city != 'Dallas' and

52city != 'Duluth' and

53priceUSD > 1;

54

55-----

Data Output

Explain

Messages

History

	pid	name	city	quantity	priceusd
	character	text	text	integer	numeric ...
<input type="checkbox"/>	p08	eraser	Newark	200600	1.25

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Login/Group Roles

Tablespaces

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CAP4 on postgres@PostgreSQL 9.6

```
54
55
56 -- Question 7
57 select ordNumber,
58        month,
59        cid,
60        aid,
61        pid,
62        qty,
63        totalUSD
64 from orders
65 where month = 'Feb' or
66        month = 'May';
67
```

Data Output Explain Messages History

	ordnumb...	month	cid	aid	pid	qty	totalusd
	integer	character	character	character	character	integer	numeric ...
<input type="checkbox"/>	1017	Feb	c001	a06	p03	600	540
<input type="checkbox"/>	1018	Feb	c001	a03	p04	600	540
<input type="checkbox"/>	1019	Feb	c001	a02	p02	400	180
<input type="checkbox"/>	1020	Feb	c006	a03	p07	600	600
<input type="checkbox"/>	1021	Feb	c004	a06	p01	1000	460
<input type="checkbox"/>	1026	May	c002	a05	p03	800	744

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SQL Editor: CAP4 on postgres@PostgreSQL 9.6

```
67
68
69 -- Question 8
70 select ordNumber,
71        month,
72        cid,
73        aid,
74        pid,
75        qty,
76        totalUSD
77 from orders
78 where month = 'Feb' and
79        totalUSD >= 600;
80
```

Data Output Explain Messages History

	ordnumb...	month	cid	aid	pid	qty	totalusd
	integer	character	character	character	character	integer	numeric ...
<input type="checkbox"/>	1020	Feb	c006	a03	p07	600	600

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CAP4 on postgres@PostgreSQL 9.6

```
73      aid,
74      pid,
75      qty,
76      totalUSD
77  from orders
78  where month = 'Feb' and
79         totalUSD >= 600;
80
81  -----
82  -- Question 9
83
84  select ordNumber
85  from orders
86  where cid = 'c005';
```

Data Output Explain Messages History

ordnum...
integer