

1.

```
C:\Program Files\PostgreSQL\15\bin>psql -f C:\demo-medium\demo-medium-20170815.sql -U postgres
Пароль пользователя postgres:
SET
SET
SET
SET
SET
SET
SET
SET
SET
SET
psql:C:/demo-medium/demo-medium-20170815.sql:17: P?P?P?P?P?: P+P°P·P° P?P°P?P?C<C: "demo" P?Pч C?C?C%PчC?C'P?C?PчC'
CREATE DATABASE
Вы подключены к базе данных "demo" как пользователь "postgres".
SET
SET
```

2.

2.1)

```
select range
from aircrafts_data
union all
select total_amount
from bookings
order by range DESC;
```

4	1065600
5	1065600
6	1065600
7	1062800
8	1035100
9	1022500
10	1014500

2.2)

```
select *
from bookings
where (total_amount > 400000)
limit 100
```

	book_ref	book_date	total_amount
1	00030F	2017-06-24 10:33:00.000000 +00:00	422400.00
2	001628	2017-07-15 07:59:00.000000 +00:00	813300.00
3	0016BC	2017-05-04 02:19:00.000000 +00:00	556700.00
4	00191F	2017-05-09 12:10:00.000000 +00:00	406700.00
5	001FF3	2017-07-23 19:34:00.000000 +00:00	542200.00
6	0035A3	2017-05-10 22:21:00.000000 +00:00	492000.00
7	003B98	2017-05-16 17:38:00.000000 +00:00	540600.00
8	00571B	2017-07-20 01:40:00.000000 +00:00	468000.00
9	00631B	2017-05-23 07:26:00.000000 +00:00	538000.00

2.3)

```
select flight_id, sum(amount)
from ticket_flights
where flight_id in (select flight_id from flights where
departure_airport = 'SVO')
group by amount, flight_id
order by sum(amount) DESC
```

	flight_id	sum
1	10456	6972000
2	10406	6888000
3	10468	6832000
4	10429	6636000
5	10421	6608000
6	10443	6580000
7	10497	6580000
8	10496	6496000
9	10411	6468000
10	10701	6440000

2.4)

```
select least(departure_airport, arrival_airport) AS A1,
       greatest(departure_airport, arrival_airport) AS A2
from flights
GROUP BY A1,A2;
```

309 rows						
	a1	a2				
1	GDZ	R0V				
2	OSW	VK0				
3	IKT	VV0				
4	NOJ	NUX				
5	DME	ULV				
6	KZN	MQF				
7	GDZ	SV0				
8	SV0	V0G				
9	DME	PKV				
10	CSX	LEB				