personal\_manager

|  |  |
| --- | --- |
| **id** | **name** |
| 1 | Veniamin Dudukin |
| 2 | Duduka Veniamonov |
| 3 | Eprst Eklmnovitch |

client

|  |  |  |  |
| --- | --- | --- | --- |
| **id** | **name** | **date\_of\_birth** | **personal\_manager\_id** |
| 4 | Karl Pupkeen | 2000-01-01 | 1 |
| 5 | Jean Baudrillard | 1929-07-29 | 1 |
| 6 | Robot Bender | 1999-12-31 | 3 |

card

|  |  |  |  |
| --- | --- | --- | --- |
| **id** | **pan** | **expiry\_date** | **client\_id** |
| 7 | 999999999999999 | 1212 | 5 |
| 8 | 110110001011010101 | 1101 | 6 |
| 9 | 001010100101101010 | 1101 | 6 |

payment\_trx

|  |  |  |  |
| --- | --- | --- | --- |
| **id** | **sum** | **card\_id** | **description** |
| 1 | 654 | 8 | Casino: BlackJack |
| 2 | 456 | 9 | Lunapark |
| 3 | 654 | 8 | Beer |

1. SELECT SUM(sum) FROM payment\_trx;

2. SELECT \* FROM payment\_trx WHERE sum>500;

3.  SELECT \* FROM client WHERE id = (SELECT client\_id FROM card WHERE id = (SELECT card\_id FROM payment\_trx WHERE sum = (SELECT MAX (sum) FROM payment\_trx)));

4.  SELECT [personal\_manager.id](https://vk.com/away.php?to=http%3A%2F%2Fpersonal_manager.id&cc_key=), [personal\_manager.name](https://vk.com/away.php?to=http%3A%2F%2Fpersonal_manager.name&cc_key=), SUM(payment\_trx.sum)   
FROM personal\_manager   
LEFT JOIN client ON client.personal\_manager\_id = [personal\_manager.id](https://vk.com/away.php?to=http%3A%2F%2Fpersonal_manager.id&cc_key=)   
LEFT JOIN card ON card.client\_id = [client.id](https://vk.com/away.php?to=http%3A%2F%2Fclient.id&cc_key=)   
LEFT JOIN payment\_trx ON payment\_trx.card\_id = [card.id](https://vk.com/away.php?to=http%3A%2F%2Fcard.id&cc_key=)   
GROUP BY [personal\_manager.id](https://vk.com/away.php?to=http%3A%2F%2Fpersonal_manager.id&cc_key=);

5. SELECT name FROM client GROUP BY “K”;

6. INSERT INTO personal\_manager (personal\_manager\_id, name) VALUES (10, 'Tkacheva Karina');

7. INSERT INTO client (id, name, date\_of\_birth, personal\_manager\_id)VALUES (11, Vasya Kurochkin, 1990-05-06, 10);

INSERT INTO client (id, name, date\_of\_birth, personal\_manager\_id)VALUES (12, Monya Murka, 1991-04-05, 10);