**Trash disposal**

```

UPDATE log

SET user\_id = REPLACE(user\_id, ‘Запись пользователя № -‘, ‘’);

```

```

UPDATE log

SET time = REPLACE(time, ‘[‘, ‘’);

```

```

UPDATE users

SET user\_id = REPLACE(user\_id, ‘User\_’, ‘user’);

```

DELETE FROM users

WHERE user\_id='Юзверь';

```

```

DELETE FROM log

WHERE user\_id IS NULL;

```

**==============**

**a)**

**b)**

```

SELECT AVG(won\_back) AS won\_back\_avg

FROM(

SELECT user\_id, (COALESCE(sum(win),0)-sum(bet))\*100/sum(bet) AS won\_back

FROM log

GROUP BY user\_id

);

```

**c)**

```

SELECT user\_id, sum(bet) AS betted,

COALESCE(sum(win), 0) AS won,

COALESCE(sum(win), 0) - sum(bet) AS total

FROM log

GROUP BY user\_id;

```

**d)**

```

SELECT geo AS city, sum(bet) - COALESCE(sum(win), 0) as profit

FROM log LEFT INNER JOIN users USING (user\_id)

WHERE geo IS NOT NULL

GROUP BY geo

ORDER BY profit DESC;

```

**e)**

```

SELECT geo AS city, MAX(win/bet) as profit

FROM log LEFT INNER JOIN users USING (user\_id)

WHERE geo IS NOT NULL AND win IS NOT NULL

GROUP BY geo

ORDER BY profit DESC;

```

**f)**