Требуется создать оператор выбора, который для каждого аккаунта выведет периоды постоянства остатков. Результат запроса должен содержать столбцы **acc** – номер аккаунта,

**dt\_from** - начало периода,

**dt\_to** - конец периода,

**balance** – остаток на счёте в данном периоде.

Дата конца последнего периода – 01.01.3000.

WITH RankedTransfers AS (

SELECT

from AS acc,

tdate AS dt,

-amount AS change

FROM

transfers

UNION ALL

SELECT

to AS acc,

tdate AS dt,

amount AS change

FROM

transfers

),

BalanceChanges AS (

SELECT

acc,

dt,

SUM(change) OVER (PARTITION BY acc ORDER BY dt) AS balance,

LEAD(dt, 1, '3000-01-01'::date) OVER (PARTITION BY acc ORDER BY dt) AS next\_dt

FROM

RankedTransfers

)

SELECT

acc AS acc,

dt AS dt\_from,

next\_dt AS dt\_to,

balance AS balance

FROM

BalanceChanges

WHERE

dt\_to <> '3000-01-01'::date

ORDER BY

acc, dt\_from;