Posted by AVRomanenko on Wed, 15 Mar 2023 16:32:26 GMT
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```
SELECT
  *
FROM
(
  VALUES
    ('TABNAME1', 44429559),
    ('TABNAME2', 22459830),
    ('TABNAME3', 19448599),
    ('TABNAME4', 14524689),
    ('TABNAME5', 13011459),
    ('TABNAME6', 12369392),
    ('TABNAME7', 11783221),
    ('TABNAME8', 9527882),
```

('TABNAME9', 9504323),
('TABNAME10', 9048014),
('TABNAME11', 9045299),
('TABNAME12', 7586177),
('TABNAME13', 7472317),
('TABNAME14', 6259243),
('TABNAME15', 5935368),
('TABNAME16', 5805440),
('TABNAME17', 5538672),
('TABNAME18', 3995056),
('TABNAME19', 3991581),
('TABNAME20', 3902292),
('TABNAME21', 3646486),
('TABNAME22', 2773363),
('TABNAME23', 2180579),
('TABNAME24', 1662190),
('TABNAME25', 1460698),
('TABNAME26', 1436270),
('TABNAME27', 1429948),
('TABNAME28', 1424434),
('TABNAME29', 1400731),
('TABNAME30', 1400728),
('TABNAME31', 1391317),
('TABNAME32', 1089382),
('TABNAME33', 939850),
('TABNAME34', 875704),
('TABNAME35', 750564),
('TABNAME36', 730224),
('TABNAME37', 635647),
('TABNAME38', 563241),
('TABNAME39', 562338),
('TABNAME40', 549104),
('TABNAME41', 513278),
('TABNAME42', 482878),
('TABNAME43', 378519),
('TABNAME44', 362524),
('TABNAME45', 361884),
('TABNAME46', 338258),
('TABNAME47', 327306),
('TABNAME48', 236005),
('TABNAME49', 186327),
('TABNAME50', 102931),
('TABNAME51', 79363),
('TABNAME52', 77108),
('TABNAME53', 63976),
('TABNAME54', 58045),
('TABNAME55', 51017),
('TABNAME56', 39790),

```
    ('TABNAME57', 29253),
    ('TABNAME58', 28964),
    ('TABNAME59', 22280),
    ('TABNAME60', 22280),
    ('TABNAME61', 14327),
    ('TABNAME62', 4427),
    ('TABNAME63', 4322),
    ('TABNAME64', 3996),
    ('TABNAME65', 3936),
    ('TABNAME66', 3832),
    ('TABNAME67', 3803),
    ('TABNAME68', 3404),
    ('TABNAME69', 3147),
    ('TABNAME70', 3015),
    ('TABNAME71', 2793),
    ('TABNAME72', 2496),
    ('TABNAME73', 2496),
    ('TABNAME74', 2494),
    ('TABNAME75', 2494),
    ('TABNAME76', 1999),
    ('TABNAME77', 1789),
    ('TABNAME78', 838),
    ('TABNAME79', 837),
    ('TABNAME80', 749),
    ('TABNAME81', 288),
    ('TABNAME82', 248),
    ('TABNAME83', 174),
    ('TABNAME84', 168),
    ('TABNAME85', 158),
    ('TABNAME86', 153),
    ('TABNAME87', 84),
    ('TABNAME88', 57),
    ('TABNAME89', 42),
    ('TABNAME90', 37),
    ('TABNAME91', 23),
    ('TABNAME92', 19),
    ('TABNAME93', 12),
    ('TABNAME94', 5)
) AS (TABNAME, CARD)
```

Posted by Alexey Kovyazin on Mon, 23 Feb 2026 11:36:44 GMT
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WITH

```
SRC AS (
   SELECT
      TABNAME,
      CARD,
      ROW_NUMBER() OVER (ORDER BY CARD DESC) AS RN
   FROM (
      VALUES
         ('TABNAME1', 44429559),
         ('TABNAME2', 22459830),

         ('TABNAME94', 5)
   ) AS T(TABNAME, CARD)
),

PARAMS AS (
   SELECT MAX(CARD) AS MAX_CARD FROM SRC
),


GROUPED (TABNAME, CARD, RN, GRP, RUNNING_SUM) AS (

   SELECT
      S.TABNAME,
      S.CARD,
      S.RN,
      1 AS GRP,
      S.CARD AS RUNNING_SUM
   FROM SRC S
   WHERE S.RN = 1

   UNION ALL


   SELECT
      S.TABNAME,
      S.CARD,
      S.RN,
      CASE
         WHEN G.RUNNING_SUM + S.CARD > P.MAX_CARD




      END AS GRP,
      CASE
         WHEN G.RUNNING_SUM + S.CARD > P.MAX_CARD
```

```
            ELSE G.RUNNING_SUM + S.CARD
        END AS RUNNING_SUM
    FROM GROUPED G
    JOIN SRC S ON S.RN = G.RN + 1
    CROSS JOIN PARAMS P
)
SELECT
    TABNAME,
    CARD,
    GRP,
    RUNNING_SUM
FROM GROUPED
ORDER BY RN
;
```