

---

Posted by [AVRomanenko](#) on Wed, 15 Mar 2023 16:32:26 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

```
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  
[View Forum Message](#) <> [Reply to Message](#)

---

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
;
```

---