

SELECT ... JOIN ... WHERE

```
SELECT      a.COL1      AS 'a1',
            a.COL2      AS 'a2',
            c.COL1      AS 'c1'

FROM        TBL1 a

(WHATEVER) JOIN  TBL2 b      ON b.X = a.Y
(WHATEVER) JOIN  TBL3 c      ON c.K = b.K

WHERE       a.K = b.K

AND         c.Z = 'foobar'

GROUP BY    a.COL1,      -- basically specify
            a.COL2,      -- all selected columns
            c.COL1      -- when "GROUP BY"

ORDER BY    b.Q
```

("sub-query")

```
WHERE      COL1 IN (
            SELECT      COL1
            FROM        TBL337 x
            (WHATEVER) JOIN  ...
            WHERE       x.Z = 'sub'
            )
```

CTE

```
WITH      TEMP      AS (
            SELECT
            FROM      tbl1

            UNION ALL

            SELECT      b.foo
            FROM        TEMP a

            INNER JOIN  tbl1 b
            ON          b.foo = a.foo
        )

SELECT    *

FROM      TEMP

OPTION    (MAXRE CURSION 5)
```

UPDATE ... JOIN ... WHERE

```
UPDATE      TBL1

SET         COL1 = 'GOD',
            COL2 = 'AWFUL'

FROM        TBL1 a

(WHATEVER) JOIN  TBL2 b      ON b.X = a.Y

WHERE       b.Q      IN ('bull', 'shit')
```



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Published 12th March, 2022.
 Last updated 2nd October, 2019.
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