

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    foo
            FROM      tbl1
            UNION ALL
            SELECT    b.foo
            FROM      TEMP a
            INNER JOIN tbl1 b
            ON        b.foo = a.foo
            )
SELECT    *
FROM      TEMP
OPTION    (MAXRECURSION 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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