```
SELECT SUBSTR(t1.r name, 7, 88) AS SUBSTR t1 r name 7 88, t1.r regionkey AS t1 r regionkey,
    LTRIM(t1.n_comment) AS LTRIM_t1_n_comment, SUBSTR(t1.r_comment, 15, 152) AS SUBSTR_t1_r_comment_15_152,
    t1.n_name AS t1__n_name,
   MAX(EXTRACT (MONTH FROM t2.o_orderdate)) AS MAX_EXTRACT___MONTH_FROM_t2_o_orderdate,
   MAX(EXTRACT (DOW FROM t2.o_orderdate)) AS MAX_EXTRACT___DOW_FROM_t2_o_orderdate,
   MAX(ROUND(t2.l_quantity, 3)) AS MAX__ROUND__t2__l_quantity__3,
   MAX(t2.o_orderstatus) AS MAX__t2__o_orderstatus, MAX(UPPER(t1.c_name)) AS MAX__UPPER__t1__c_name,
   MAX(t2.o_custkey) AS MAX_t2_o_custkey
FROM
    (SELECT * FROM customer customer1
                                                                                        1<sup>st</sup> join path
        RIGHT JOIN nation nation1 ON customer1.c nationkey = nation1.n nationkey
       INNER JOIN region region1 ON nation1.n_regionkey = region1.r_regionkey ) t1
    INNER JOIN
    (SELECT * FROM lineitem lineitem2
                                                                                  2<sup>nd</sup> join path
        RIGHT JOIN orders orders2 ON lineitem2.l_orderkey = orders2.o_orderkey
        INNER JOIN customer customer2 ON orders2.o custkey = customer2.c custkey
       INNER JOIN nation nation2 ON customer2.c_nationkey = nation2.n_nationkey ) t2
    ON t1.n_nationkey = t2.n_nationkey
                                                      ' AND 'IRAN
WHERE t1.n_name NOT BETWEEN 'BRAZIL
   OR SQRT(t2.o_shippriority) <> 0
    OR t1.c_address BETWEEN ' 8f7Qjcfn,igBmKx1WnnMI' AND ' 8x JTZcUSw'
    OR EXTRACT (DOW FROM t2.l_shipdate) < 5
GROUP BY SUBSTR(t1.r_name, 7, 88) , t1.r_regionkey , LTRIM(t1.n_comment) , SUBSTR(t1.r_comment, 15, 152) , t1.n_name
HAVING MAX(EXTRACT (MONTH FROM t2.o_orderdate)) <= ANY (</pre>
    SELECT MAX(EXTRACT (MONTH FROM t2.o_orderdate)) AS MAX_EXTRACT___MONTH_FROM_t2_o_orderdate
    FROM
            (SELECT *
                                                                                                               scalar
            FROM customer customer1
               RIGHT JOIN nation nation1 ON customer1.c_nationkey = nation1.n_nationkey
                                                                                                               subquery
               INNER JOIN region region1 ON nation1.n_regionkey = region1.r_regionkey ) t1 INNER JOIN
            (SELECT *
            FROM lineitem lineitem2
                RIGHT JOIN orders orders2 ON lineitem2.l_orderkey = orders2.o_orderkey
               INNER JOIN customer customer2 ON orders2.o_custkey = customer2.c_custkey
               INNER JOIN nation nation2 ON customer2.c_nationkey = nation2.n_nationkey ) t2
            ON t1.n_nationkey = t2.n_nationkey
    WHERE t1.n_name NOT BETWEEN 'BRAZIL
                                                          ' AND 'IRAN
       OR SQRT(t2.o_shippriority) <> 0
       OR t1.c_address BETWEEN ' 8f7Qjcfn,igBmKx1WnnMI' AND ' 8x JTZcUSw'
       OR EXTRACT (DOW FROM t2.l_shipdate) < 5
        AND t2.n_nationkey NOT BETWEEN 6 AND 10
    GROUP BY SUBSTR(t1.r_name, 7, 88) , t1.r_regionkey , LTRIM(t1.n_comment) , SUBSTR(t1.r_comment, 15, 152) , t1.n_name
OFFSET 142 LIMIT 840
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