Sunday, February 6, 2022 7:08 PM

NATION (1)

q3

```
(n_regionkey = 3) AND (n_nationkey > 10) AND (n_name > 'JAPAN')
```

```
(q3) select * from nation where n_regionkey = 3 and n_nationkey > 10 and n_name >
tpch1g=\# select * from nation where n_regionkey = 3 and n_nationkey > 10 and n_name
n_nationkey | n_name | n_regionkey |
       19 | ROMANIA | 3 | deposits boost against the 22 | RUSSIA | 3 | slowly pending patterns x-
       23 | UNITED KINGDOM
                                                 3 | fluffily regular pinto bea
(3 rows)
Time: 118.920 ms
```

REGION (2)

q1

```
(r name = 'EUROPE')
```

```
(q1) select * from region where r_name='EUROPE';
tpch1g=# select * from region where r_name='EUROPE';
r regionkey | r name
                                                         r comment
        3 | EUROPE
                                       | special, bold deposits haggle
(1 row)
```

```
q2
```

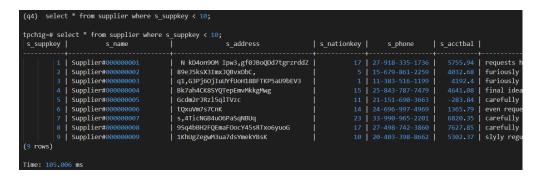
(r_name < 'MIDDLE EAST') AND (r_regionkey > 1)

```
(q2) select * from region where r name < 'middle east' and r regionkey > 1;
tpch1g=# select * from region where r_name < 'middle east' and r_regionkey > 1;
r_regionkey | r_name |
                             | silent, bold requests sleep slyly across
         2 ASIA
         3 | EUROPE
                                   | special, bold deposits haggle foxes. pla
(2 rows)
```

SUPPLIER (3)

q4

 $(s_suppkey < 10)$



q5

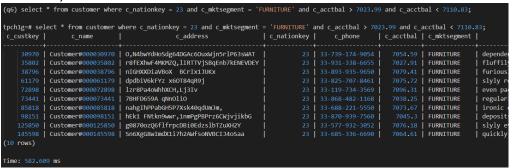
$(s_nationkey = 18) AND (s_acctbal > 1000.0) AND (s_suppkey < 400)$

```
select * from supplier where s_nationkey = 18 and s_acctbal > 1000 and s_suppkey < 400
tpch1g=# select * from supplier where s_nationkey = 18 and s_acctbal > 1000 and s_suppkey < 400;
                                                                                    s address
                                                                                                                                                         s phone
                                                                                                                                                                           s_acctbal
                                                          | JfwTs,LZrV, M,9C
| lC4CjKwNHUr6L4xIpzOBK4NlHkFTg
                                                                                                                                                                                 3393.08 | quickly bo
           11 | Supplier#000000011
                                                          | G 1FKHR435 wMKFmyt |
| mKpAJojtawk2alqV4 ZEbJ3PH3wfYqy AM8rGq1 |
                                                                                                                                                                                                quickly ev
           72 | Supplier#000000072
                                                           4SxkTHG28nZrtT0,MnVF9H
                                                                                                                                           18 | 28-470-879-3141 |
18 | 28-558-264-1202 |
18 | 28-127-320-9230 |
                                                                                                                                                                                 4589.18 | unusual dep
2060.13 | blithely ex
8517.04 | fluffily re
          117 | Supplier#000000117
                                                          | ZnlLNC,8YN10T4mjI8eq5bJ
                                                          | 4CxBrM0o4yt6LYFxZIyZ89Xnf8LZNn6KcYc
| oMtyTl6hTyLQhiBwrUaa42zK0jfNobEq
          187 | Supplier#000000187
                                                                                                                                           18 | 28-12/-326-9236 | 18 | 28-437-699-1621 | 18 | 28-436-406-1127 | 18 | 28-782-585-7326 | 18 | 28-317-938-6979 | 18 | 28-629-327-4139 |
                | Supplier#000000196
| Supplier#000000201
                                                          | TOX4fMwB5tXoz4Fi4CFhAIhi6
                                                                                                                                                                                 4710.62 | slyly regul
9537.73 | blithely ev
                                                           e31ZO QY9QpCVdc0HXrqXB5uxXnOi r
          213 | Supplier#000000213
255 | Supplier#000000255
                                                           | 1s7 4odatD2BWz1QjXR2 2SnFhc,Rvr2Icxh1m7f |
| qx16XyCEUh9OawVeQwOlGlhAU32iHFPNkO |
                                                                                                                                                                                 2616.54
4663.08
          294 | Supplier#000000294
302 | Supplier#000000302
                                                                                                                                                                                 6700.75 | blithely s
4422.77 | slyly bold
                                                           ow8Io1JHkPnIAGCQYCWC
                                                                                                                                           18 | 28-288-466-7847 |
18 | 28-637-452-5085 |
                                                           tcES8Ay3zcHQER9K6gAKFWlDvcg nrbPl
                                                                                                                                                                                8042.43 | quickly iro
5836.17 | accounts at
6540.34 | furiously e
                                                         | QDsgOSozg jniYR2HzxofLZyk0qGdJe
| 4RDwKCNc6 yBY
| n27XQohXrXlJRLdsyXNoljPS
          324 | Supplier#000000324
               | Supplier#000000388
Time: 121.814 ms
```

CUSTOMER (4)

q6

(c_nationkey = 23) AND (c_mktsegment = 'FURNITURE') AND (c_acctbal > 7023.99) AND (c_acctbal < 7110.83)



PART (5)

a7

(p_brand = 'Brand#13') AND (p_retailprice > 500.0) AND (p_retailprice < 930.0) AND (p_size > 28) AND (p_size < 1000000)

```
tpchig=# select * from part where p_brand='Brand#13' and p_retailprice > 500 and p_retailprice < 930 and p_size > 28 and p_size < 1000 | p_partkey | p_name | p_mfgr | p_brand | p_type | p_size | p_
       1022 | olive smoke blue dim ghost
                                                                                                             Brand#13
                                                                                                                              SMALL BURNISHED COPPER
               moccasin wheat honeydew cornflower royal brown bisque burlywood dim royal
                                                                        Manufacturer#1
                                                                                                             Brand#13
                                                                                                                              PROMO POLISHED TIN
LARGE BURNISHED BRASS
                                                                                                                                                                      36 | MED CAN
                                                                                                                              ECONOMY PLATED STEEL
              | floral goldenrod firebrick ghost cyan
| brown chartreuse metallic bisque blush
                                                                      | Manufacturer#1
                                                                                                             Brand#13
                                                                                                                                                                     34 | SM JAR
                                                                                                             Brand#13
      10011 | hot lawn burlywood papaya blanched
17008 | beige blanched dark blush bisque
                                                                        Manufacturer#1
                                                                                                             Brand#13
                                                                                                                              PROMO ANODIZED NICKEL
                                                                                                                                                                     32 | JUMBO BAG
              | khaki chiffon drab navajo firebrick
                                                                       | Manufacturer#1
                                                                                                                             | ECONOMY ANODIZED BRASS
                                                                                                                                                                            ЈИМВО РК
```

PARTSUPP (6)

q8

 $(ps_supplycost > 999.98)$

```
(q8) select * from partsupp where ps_supplycost > 999.98;
tpch1g=# select * from partsupp where ps_supplycost > 999.98;
ps_partkey | ps_suppkey | ps_availqty | ps_supplycost |
      1213
                   3714
                                5070
                                             999.99 | fluffily regular theodolites hage
                                9790
                                             999.99 | carefully final platelets dazzle
                                             999.99 | express deposits sleep carefully
                  1581
                                4680
                                             1000 | accounts wake. quickly ironic ins
                  1929 I
                               9218
                  5843
                                            999.99 | fluffily final dependencies after
                                              1000 | slyly even packages are requests
                  5150
                                8224
                                            999.99 | express ideas around the careful
     52644
                                             1000 | final excuses according to the bo
     99907
                                7911
                   3944
                                               1000 | epitaphs hang about the carefully
                                            999.99 | slyly bold deposits dazzle along
     105389
                                8531
                                            999.99 | carefully final pinto beans sleep
    130470
                  2984
                                2592
     142176
                                             1000 | slyly regular accounts integrate:
                  7660
                                4963
                                            999.99 | instructions haggle furiously slo
    185850
                                9994
                                             1000 | regularly final accounts boost de
(14 rows)
Time: 703.346 ms
```

q9

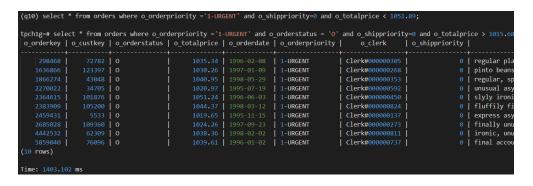
(ps_availqty < 10) AND (ps_supplycost > 100.0) AND (ps_suppkey < 300)

```
(q9) select * from partsupp where ps_availqty<10 and ps_supplycost > 100 and ps_suppkey < 300;
tpch1g=# select * from partsupp where ps_availqty<10 and ps_supplycost > 100 and ps_suppkey < 300;
ps_partkey | ps_suppkey | ps_availqty | ps_supplycost |
                                                  268.55 | evenly unusual dolphins sleep busily. ideas wake quickly. furiou
                                                   722.6 | ironic foxes about the quickly bold instructions detect against
                                                  167.93 | furiously unusual ideas impress after the ironic requests. quick
                                                 624.24 | enticing, bold sauternes above the carefully regular packages ca
                                                  275.99 | special asymptotes hang accounts. regular theodolites integrate
                                                  487.83 | furiously silent packages sleep furiously furiously regular pack
                                                 320.96 | even, even requests cajole final pinto beans-- slyly final plate:
                                                 352.93 | pending, regular requests cajole furiously carefully unusual req
628.75 | carefully pending sentiments use ironic, permanent deposits. fur
                                                  460.99 | slyly even theodolites boost. carefully final packages integrate
                                                  180.55 | silently ironic requests wake after the thin, final packages. pe
                                                  437.41 | slyly special accounts about the deposits use furiously blithely
                                                  447.8 | unusual requests wake furiously quickly even accounts. deposits
                                                  374.58 | carefully final packages cajole about the blithely silent package
 14 rows)
Γime: 2465.929 ms
```

ORDERS (7)

q10

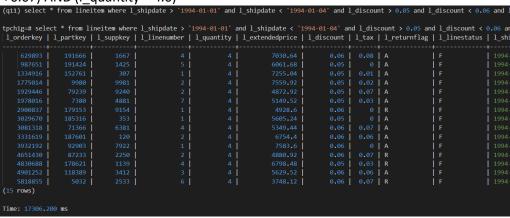
(o_orderpriority = '1-URGENT') AND (o_orderstatus = '0') AND (o_shippriority = 0) AND (o_totalprice > 1015.68) AND (o_totalprice < 1051.89)



LINEITEM (8)

q11

(l_shipdate > '1994-01-01') AND (l_shipdate < '1994-01-07') AND (l_discount > 0.04) AND (l_discount < 0.07) AND (l_quantity = 4.0)



q12

 $(I_orderkey > 100)$ AND $(I_orderkey < 1000)$ AND $(I_partkey > 100)$ AND $(I_partkey < 5000)$ AND $(I_shipmode = 'AIR')$ AND $(I_linestatus = 'F')$ AND $(I_tax < 0.07)$

