Lab 3b - using sql trace and tkprof



Using SQL Trace Utility and TKPROF, compare the following queries to

see which one appears to be the fastest:

1. ORACLE> SELECT BIG.BNAME, BIG2.BIGNO

FROM BIG, BIG2

WHERE BIG.BIGNO = BIG2.BIGNO AND

BIG2.BNAME = ‘ONE THOUSAND’;

2. ORACLE> SELECT BIG.BNAME

FROM BIG

WHERE BIGNO IN (SELECT BIGNO FROM

BIG2

WHERE BNAME = ‘ONE THOUSAND’);

3. ORACLE> SELECT BIG.BNAME

FROM BIG

WHERE 0 < (SELECT COUNT(\*)

FROM BIG2

WHERE BIG2.BNAME = ‘ONE THOUSAND’

AND BIG.BIGNO = BIG2.BIGNO);

Lab 3b - using sql trace and tkprof (CONTINUED)

4. Fill in the formatted report from TKPROF for the first SQL statement:

c:\tkprof c:\orant\rdbms80\admin\TRACE\ora\_\_\_\_\_\_.trc lab84

explain=***userid/password***

lab84.prf

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select big.bname, big2.bigno

from big, big2

where big.bigno = big2.bigno

and big2.bname = ‘ONE THOUSAND’;



Misses in library cache during parse: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Parsing user id: \_\_\_\_\_\_userid \_\_\_\_\_\_\_\_\_\_

ROWS EXECUTION PLAN

Lab 3b - using sql trace and tkprof (CONTINUED)

5. Fill in the formatted report from TKPROF for the first SQL statement:

c:\tkprof c:\oracle\rdbms\admin\TRACE\ora\_\_\_\_\_\_.trc lab84

explain=***userid/password***

lab84.prf

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select big.bname,

from big

where BIGNO IN (SELECT BIGNO

FROM BIG2

WHERE BNAME = ‘ONE THOUSAND’);



Misses in library cache during parse: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Parsing user id: \_\_\_\_\_\_userid \_\_\_\_\_\_\_\_\_\_

ROWS EXECUTION PLAN

Lab 3b - using sql trace and tkprof (CONTINUED)

6. Fill in the formatted report from TKPROF for the first SQL statement:

c:\tkprof c:\$ORACLE\_HOME\rdbms\admin\orcl\udump\ora\_\_\_\_\_\_.trc lab84

explain=***userid/password***

lab84.prf

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select big.bname

from big

where 0 < (SELECT COUNT(\*)

FROM BIG2

WHERE big2.bname = ‘ONE THOUSAND’

AND BIG.BIGNO = BIG2.BIGNO);



Misses in library cache during parse: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Parsing user id: \_\_\_\_\_\_userid \_\_\_\_\_\_\_\_\_\_

ROWS EXECUTION PLAN