Report

# Laboratory Work 4

## Task 1: Full Scans and the High-water Mark and Block reading

Step 1

CREATE TABLE t2 AS

SELECT TRUNC( rownum / 100 ) id, rpad( rownum,100 ) t\_pad

FROM dual

CONNECT BY rownum < 100000;



Step 2

CREATE INDEX t2\_idx1 ON t2 ( id );



Step 3

select blocks from user\_segments where segment\_name = 'T2';



select count(distinct (dbms\_rowid.rowid\_block\_number(rowid))) block\_ct from t2 ;

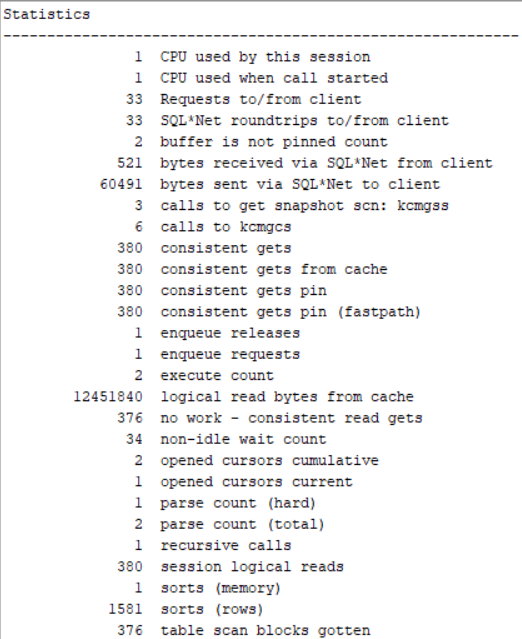


SET autotrace ON;



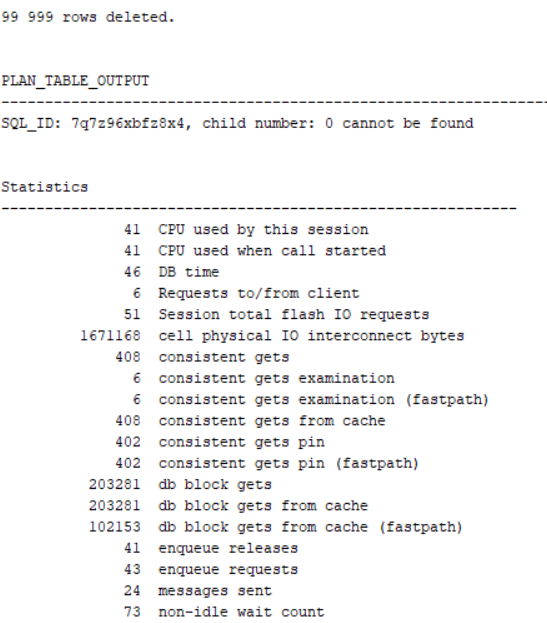
SELECT COUNT( \* )

FROM t2 ;



Step 4

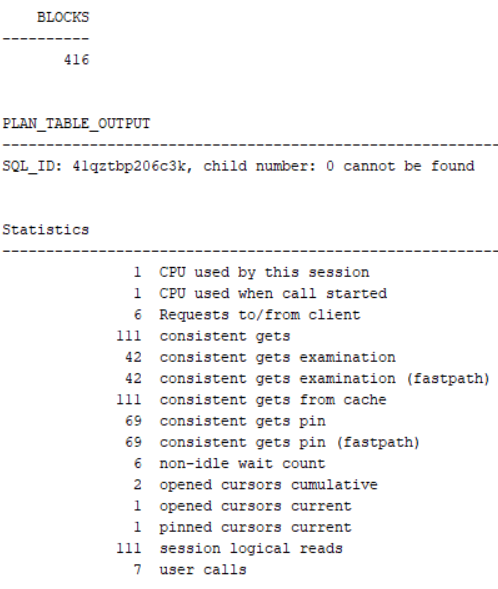
DELETE FROM t2;



Step 5

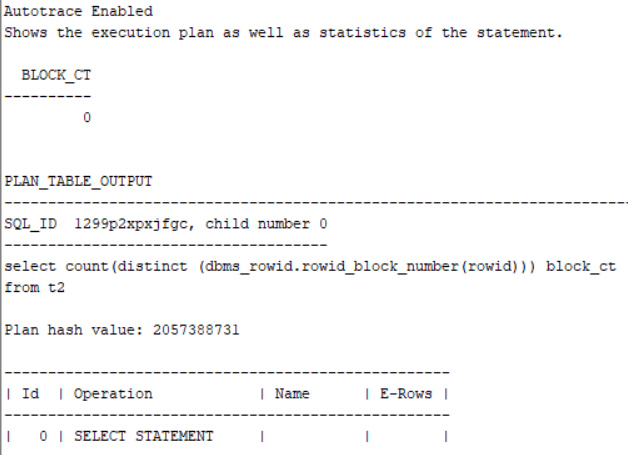
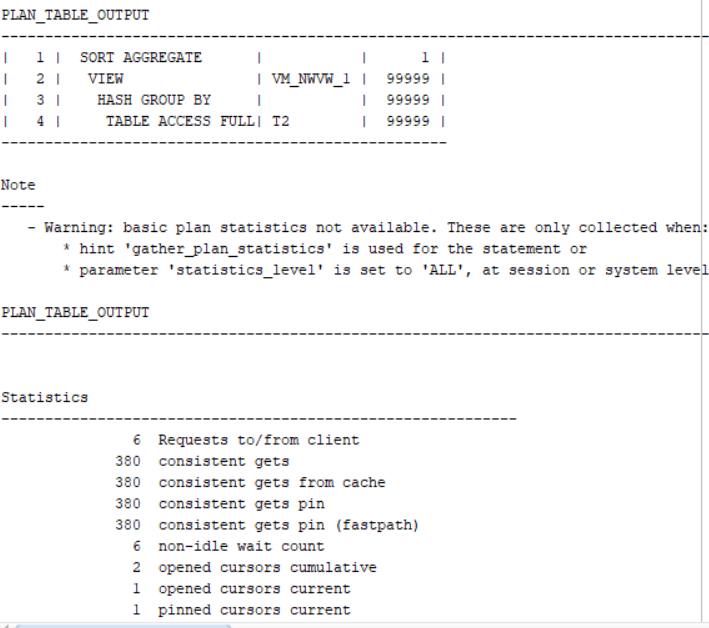
--1

select blocks from user\_segments where segment\_name = 'T2';



--2

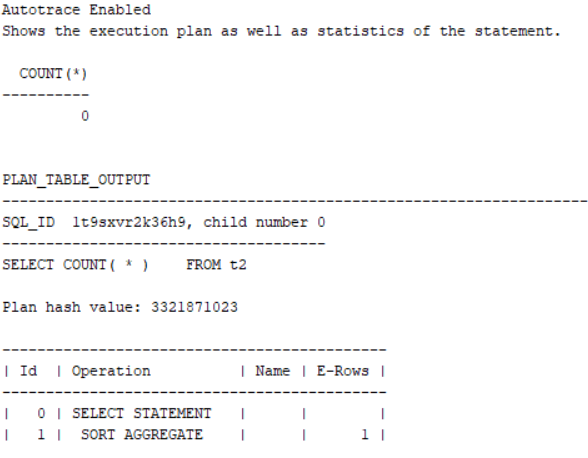
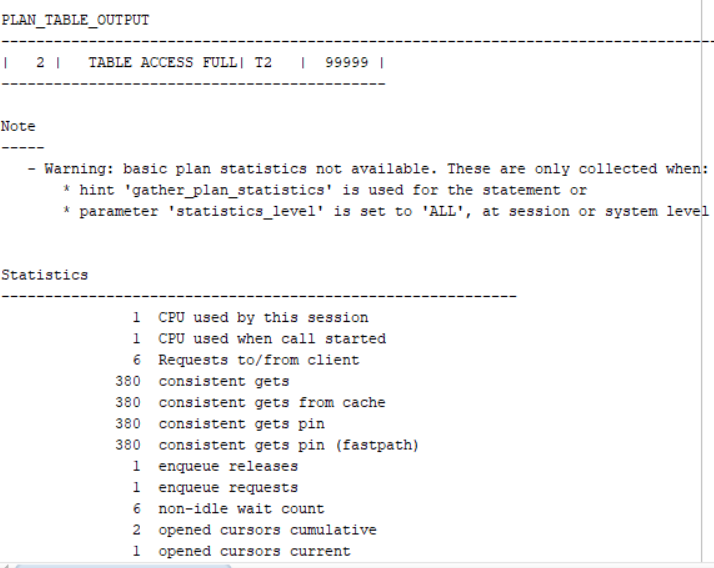
select count(distinct (dbms\_rowid.rowid\_block\_number(rowid))) block\_ct from t2 ;

--3

SELECT COUNT( \* )

FROM t2 ;

Step 6

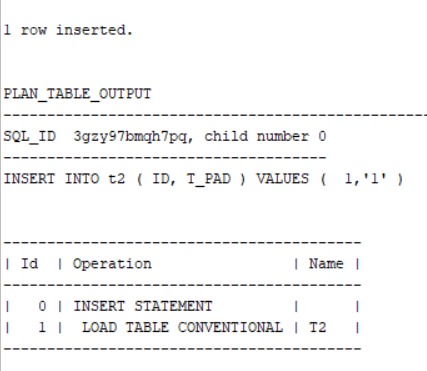
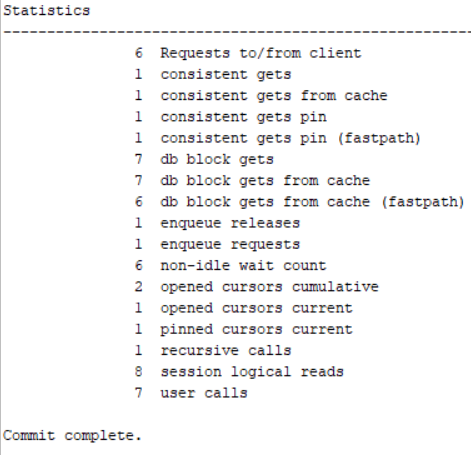
INSERT INTO t2

( ID, T\_PAD )

VALUES

( 1,'1' );

COMMIT;

Step 7

Step 8

Step 9