Transaction

SQL> commit

2 ;

Commit complete.

SQL> set autocommit off;

SQL> show autocommit

autocommit OFF

SQL> set transaction deadlock

2 ;

set transaction deadlock

\*

ERROR at line 1:

ORA-00900: invalid SQL statement

SQL> set transaction name 'deadlock'

2 ;

Transaction set.

SQL> create table deadend

2 (

3 n1 number,

4 n2 number

5 );

Table created.

SQL>

SQL> insert into deadend (n1,n2) values (1,1);

1 row created.

SQL> insert into deadend (n1,n2) values (2,1);

1 row created.

SQL> insert into deadend (n1,n2) values (2,2);

1 row created.

SQL> savepoint test1

2 ;

Savepoint created.

SQL> insert into deadend (n1,n2) values (2,3);

1 row created.

SQL> savepoint test2;

Savepoint created.

SQL> insert into deadend (n1,n2) values (2,4);

1 row created.

SQL> savepoint test3;

Savepoint created.

SQL> insert into deadend (n1,n2) values (2,9);

1 row created.

SQL> select \* from deadend;

N1 N2

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1 1

2 1

2 2

2 3

2 4

2 9

6 rows selected.

SQL> rollback to savepoint test3;

Rollback complete.

SQL> select \* from deadend;

N1 N2

---------- ----------

1 1

2 1

2 2

2 3

2 4

SQL> rollback to savepoint test2;

Rollback complete.

SQL> select \* from deadend;

N1 N2

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1 1

2 1

2 2

2 3

SQL> rollback to savepoint test1;

Rollback complete.

SQL> select \* from deadend;

N1 N2

---------- ----------

1 1

2 1

2 2

SQL> rollback

2 ;

Rollback complete.

SQL> select \* from deadend;

no rows selected

SQL> set autocommit on;

SQL> show autocommit;

autocommit IMMEDIATE

SQL>