

Spool File For Oracle Students Trained by Mr.Sathish Yellanki

SQL> cl scr

```
SQL> CREATE TABLE SampleALT01
  2  (
  3    SampID NUMBER(2)
  4  );
```

Table created.

```
SQL> DESC SampleALT01
Name                                         Null?
Type
-----
SAMPID
NUMBER(2)
```

```
SQL> ALTER TABLE SampleALT01
  2  ADD
  3  (
  4    SampName VARCHAR2(10)
  5    DEFAULT 'NOT GIVEN'
  6    CONSTRAINT SampleALT01_SampName_NN NOT NULL,
  7    SampDate DATE
  8    DEFAULT SYSDATE
  9  );
```

Table altered.

```
SQL> DESC SampleALT01
Name                                         Null?
Type
-----
SAMPID
NUMBER(2)
SAMPNAME                                     NOT
NULL VARCHAR2(10)
SAMPDATE
DATE
```

```
SQL> ALTER TABLE SampleALT01
  2  MODIFY
  3  (
  4    SampName VARCHAR2(15)
  5  );
```

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Table altered.

```
SQL> DESC SampleALT01
```

Name	Null?
TYPE	

SAMPID	
NUMBER(2)	
SAMPNAME	NOT
NULL VARCHAR2(15)	
SAMPDATE	
DATE	

```
SQL> ED
```

Wrote file afiedt.buf

```
1 CREATE TABLE SampleALT02
2 (
3   SampID NUMBER(2),
4   SampName VARCHAR2(15),
5   SampDate DATE,
6   SampDesc VARCHAR2(100),
7   StatusBit CHAR(1)
8* )
SQL> /
```

Table created.

```
SQL> DESC SampleALT02
```

Name	Null?
TYPE	

SAMPID	
NUMBER(2)	
SAMPNAME	
VARCHAR2(15)	
SAMPDATE	
DATE	
SAMPDESC	
VARCHAR2(100)	
STATUSBIT	
CHAR(1)	

```
SQL> ALTER TABLE SampleALT01
```

```
2 DROP COLUMN SampID, SampName;
```

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```
DROP COLUMN SampID, SampName
```

```
*
```

```
ERROR at line 2:
```

```
ORA-00933: SQL command not properly ended
```

```
SQL> ED
```

```
Wrote file afiedt.buf
```

```
1 ALTER TABLE SampleALT01
```

```
2* DROP COLUMN (SampID, SampName)
```

```
SQL> /
```

```
DROP COLUMN (SampID, SampName)
```

```
*
```

```
ERROR at line 2:
```

```
ORA-00904: : invalid identifier
```

```
SQL> ED
```

```
Wrote file afiedt.buf
```

```
1 ALTER TABLE SampleALT01
```

```
2* DROP COLUMN SampName
```

```
SQL> /
```

```
Table altered.
```

```
SQL> DESC SampleALT01
```

```
Name
```

```
Null?
```

```
Type
```

```
-----
```

```
SAMPID
```

```
NUMBER(2)
```

```
SAMPDATE
```

```
DATE
```

```
SQL> ALTER TABLE SampleALT01
```

```
2 DROP COLUMN SAMPDATE;
```

```
Table altered.
```

```
SQL> DESC SampleALT01
```

```
Name
```

```
Null?
```

```
Type
```

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SAMPID
NUMBER(2)

```
SQL> ALTER TABLE SampleALT01
      2  DROP COLUMN SAMPID;
ALTER TABLE SampleALT01
*
```

ERROR at line 1:
ORA-12983: cannot drop all columns in a table

SQL> cl scr

```
SQL> DESC SampleALT02
Name                                         Null?
Type
-----
SAMPID
NUMBER(2)
SAMPNAME
VARCHAR2(15)
SAMPDATE
DATE
SAMPDESC
VARCHAR2(100)
STATUSBIT
CHAR(1)
```

```
SQL> ALTER TABLE SampleALT02
      2  SET UNUSED(SampDate, SatusBit);
SET UNUSED(SampDate, SatusBit)
*
ERROR at line 2:
ORA-00904: "SATUSBIT": invalid identifier
```

```
SQL> ALTER TABLE SampleALT02
      2  SET UNUSED(SampDate, StatusBit);
```

Table altered.

```
SQL> DESC SampleALT02
Name                                         Null?
Type
-----
```

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```
SAMPID
NUMBER(2)
SAMPNAME
VARCHAR2(15)
SAMPDESC
VARCHAR2(100)
```

```
SQL> ALTER TABLE SampleALT02
2 DROP UNUSED COLUMNS;
```

Table altered.

```
SQL> cl scr
```

```
SQL> DROP TABLE SampleALT01;
```

Table dropped.

```
SQL> SELECT * FROM Tab;
```

TNAME	TABTYPE	CLUSTERID
BIN\$qrIg5ucBSRi2EEjBLq54og==\$0	TABLE	
BONUS	TABLE	
CUSTOMER	TABLE	
DEPT	TABLE	
DEPTVIEW	VIEW	
DUMMY	TABLE	
EMP	TABLE	
EMPDELETEDAUDIT	TABLE	
EMPLOYEES_DEPT_INFO	VIEW	
EXAMTIMETABLE	TABLE	
ITEM	TABLE	
MESSAGES	TABLE	
MYBONUS	TABLE	
MYEMP	TABLE	
ORD	TABLE	
PRICE	TABLE	
PRODUCT	TABLE	

TNAME	TABTYPE	CLUSTERID
SALES	VIEW	
SALGRADE	TABLE	
SALUPDATEAUDIT	TABLE	
SAMPCNT	TABLE	
SAMPLEALT02	TABLE	

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SAMPLEINS TABLE
SAMPTAB TABLE

24 rows selected.

SQL> PURGE RECYCLEBIN;

Recyclebin purged.

SQL> SELECT * FROM Tab;

TNAME	TABTYPE	CLUSTERID
BONUS	TABLE	
CUSTOMER	TABLE	
DEPT	TABLE	
DEPTVIEW	VIEW	
DUMMY	TABLE	
EMP	TABLE	
EMPDELETEAUDIT	TABLE	
EMPLOYEES_DEPT_INFO	VIEW	
EXAMTIMETABLE	TABLE	
ITEM	TABLE	
MESSAGES	TABLE	
MYBONUS	TABLE	
MYEMP	TABLE	
ORD	TABLE	
PRICE	TABLE	
PRODUCT	TABLE	
SALES	VIEW	

TNAME	TABTYPE	CLUSTERID
SALGRADE	TABLE	
SALUPDATEAUDIT	TABLE	
SAMPCNT	TABLE	
SAMPLEALT02	TABLE	
SAMPLEINS	TABLE	
SAMPTAB	TABLE	

23 rows selected.

SQL> DROP TABLE SAMPLEALT02 PURGE;

Table dropped.

SQL> SELECT * FROM Tab;

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```
-----
TNAME                                TABTYPE  CLUSTERID
-----
BONUS                                TABLE
CUSTOMER                             TABLE
DEPT                                  TABLE
DEPTVIEW                             VIEW
DUMMY                                TABLE
EMP                                   TABLE
EMPDELETEAUDIT                       TABLE
EMPLOYEES_DEPT_INFO                  VIEW
EXAMTIMETABLE                        TABLE
ITEM                                  TABLE
MESSAGES                             TABLE
MYBONUS                              TABLE
MYEMP                                 TABLE
ORD                                   TABLE
PRICE                                TABLE
PRODUCT                              TABLE
SALES                                VIEW
```

```
-----
TNAME                                TABTYPE  CLUSTERID
-----
SALGRADE                             TABLE
SALUPDATEAUDIT                       TABLE
SAMPCNT                              TABLE
SAMPLEINS                            TABLE
SAMPTAB                              TABLE
```

22 rows selected.

SQL> cl scr

SQL> SELECT * FROM Dept;

```
DEPTNO DNAME          LOC
-----
  10 ACCOUNTING      NEW YORK
  20 RESEARCH        DALLAS
  30 SALES            CHICAGO
  40 OPERATIONS      BOSTON
```

SQL> SELECT * FROM Emp;

```
EMPNO ENAME          JOB          MGR HIREDATE    SAL  COMM  DEPTNO
-----
   ### KING          PRESIDENT    17-NOV-81  ###          10
```

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```
#####
### BLAKE      MANAGER    ### 01-MAY-81 ###          30
### CLARK      MANAGER    ### 09-JUN-81 ###          10
### JONES      MANAGER    ### 02-APR-81 ###          20
### MARTIN     SALESMAN    ### 28-SEP-81 ###      ###          30
### ALLEN      SALESMAN    ### 20-FEB-81 ###      ###          30
### TURNER     SALESMAN    ### 08-SEP-81 ###          0          30
### JAMES      CLERK       ### 03-DEC-81 ###          30
### WARD       SALESMAN    ### 22-FEB-81 ###      ###          30
### FORD       ANALYST     ### 03-DEC-81 ###          20
### SMITH      CLERK       ### 17-DEC-80 ###          20
### SCOTT      ANALYST     ### 09-DEC-82 ###          20
### ADAMS      CLERK       ### 12-JAN-83 ###          20
### MILLER     CLERK       ### 23-JAN-82 ###          10
```

14 rows selected.

SQL> DELETE FROM Emp;

14 rows deleted.

SQL> SELECT * FROM Emp;

no rows selected

SQL> ROLLBACK;

Rollback complete.

SQL> SELECT * FROM Emp;

EMPNO	ENAME	JOB	MGR	HIREDATE	SAL	COMM	DEPTNO
###	KING	PRESIDENT		17-NOV-81	###		10
###	BLAKE	MANAGER	###	01-MAY-81	###		30
###	CLARK	MANAGER	###	09-JUN-81	###		10
###	JONES	MANAGER	###	02-APR-81	###		20
###	MARTIN	SALESMAN	###	28-SEP-81	###	###	30
###	ALLEN	SALESMAN	###	20-FEB-81	###	###	30
###	TURNER	SALESMAN	###	08-SEP-81	###	0	30
###	JAMES	CLERK	###	03-DEC-81	###		30
###	WARD	SALESMAN	###	22-FEB-81	###	###	30
###	FORD	ANALYST	###	03-DEC-81	###		20
###	SMITH	CLERK	###	17-DEC-80	###		20
###	SCOTT	ANALYST	###	09-DEC-82	###		20
###	ADAMS	CLERK	###	12-JAN-83	###		20
###	MILLER	CLERK	###	23-JAN-82	###		10

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14 rows selected.

SQL> DELETE FROM Emp WHERE Deptno = 30;

6 rows deleted.

SQL> SELECT * FROM Emp;

EMPNO	ENAME	JOB	MGR	HIREDATE	SAL	COMM	DEPTNO
###	KING	PRESIDENT		17-NOV-81	###		10
###	CLARK	MANAGER	###	09-JUN-81	###		10
###	JONES	MANAGER	###	02-APR-81	###		20
###	FORD	ANALYST	###	03-DEC-81	###		20
###	SMITH	CLERK	###	17-DEC-80	###		20
###	SCOTT	ANALYST	###	09-DEC-82	###		20
###	ADAMS	CLERK	###	12-JAN-83	###		20
###	MILLER	CLERK	###	23-JAN-82	###		10

8 rows selected.

SQL> ROLLBACK;

Rollback complete.

SQL> SELECT * FROM Emp;

EMPNO	ENAME	JOB	MGR	HIREDATE	SAL	COMM	DEPTNO
###	KING	PRESIDENT		17-NOV-81	###		10
###	BLAKE	MANAGER	###	01-MAY-81	###		30
###	CLARK	MANAGER	###	09-JUN-81	###		10
###	JONES	MANAGER	###	02-APR-81	###		20
###	MARTIN	SALESMAN	###	28-SEP-81	###	###	30
###	ALLEN	SALESMAN	###	20-FEB-81	###	###	30
###	TURNER	SALESMAN	###	08-SEP-81	###	0	30
###	JAMES	CLERK	###	03-DEC-81	###		30
###	WARD	SALESMAN	###	22-FEB-81	###	###	30
###	FORD	ANALYST	###	03-DEC-81	###		20
###	SMITH	CLERK	###	17-DEC-80	###		20
###	SCOTT	ANALYST	###	09-DEC-82	###		20
###	ADAMS	CLERK	###	12-JAN-83	###		20
###	MILLER	CLERK	###	23-JAN-82	###		10

14 rows selected.

SQL> TRUNCATE TABLE Emp WHERE Deptno = 30;

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```
TRUNCATE TABLE Emp WHERE Deptno = 30
*
```

ERROR at line 1:

ORA-03291: Invalid truncate option - missing STORAGE keyword

```
SQL> TRUNCATE TABLE Emp;
```

Table truncated.

```
SQL> SELECT * FROM Emp;
```

no rows selected

```
SQL> ROLLBACK;
```

Rollback complete.

```
SQL> SELECT * FROM Emp;
```

no rows selected

```
SQL> SELECT * FROM Dept;
```

DEPTNO	DNAME	LOC
10	ACCOUNTING	NEW YORK
20	RESEARCH	DALLAS
30	SALES	CHICAGO
40	OPERATIONS	BOSTON

```
SQL> DELETE FROM Dept;
```

4 rows deleted.

```
SQL> SELECT * FROM Dept;
```

no rows selected

```
SQL> ROLLBACK;
```

Rollback complete.

```
SQL> SELECT * FROM Dept;
```

DEPTNO	DNAME	LOC
--------	-------	-----

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10 ACCOUNTING	NEW YORK
20 RESEARCH	DALLAS
30 SALES	CHICAGO
40 OPERATIONS	BOSTON

SQL> DELETE FROM Dept;

4 rows deleted.

SQL> COMMIT;

Commit complete.

SQL> SELECT * FROM Dept;

no rows selected

SQL> SELECT * FROM Emp;

no rows selected

SQL> TRUNCATE TABLE Dept;

TRUNCATE TABLE Dept
*

ERROR at line 1:

ORA-02266: unique/primary keys in table referenced by enabled foreign
keys

SQL> SPOOL OFF

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