MANAGING TABLES
(Capitol 11)

1) Vizualizarea ID-rilor pentru fiecare linie din tabela.

```
SQL>   CREATE TABLE  emp_test as select * from scott.emp;
SQL> SELECT rowid, empno, ename FROM emp_test;
```

2) Alocarea unei extensii la o tabela

```
ALTER TABLE scott.emp_test
ALLOCATE EXTENT(SIZE 500K
DATAFILE  'e:/DISK3/DATA01.DBF');
```

3) Stergerea unei coloane dintr-o tabela

```
ALTER TABLE scott.emp_test
DROP COLUMN comm
CASCADE CONSTRAINTS CHECKPOINT 1000;
```

4) Redenumirea unei coloane dintr-o tablela

```
ALTER TABLE scott.emp_test
RENAME COLUMN sal
TO salary;
```

5) Dezactivarea unei coloane dintr-o tabela

```
ALTER TABLE scott.emp_test
SET UNUSED COLUMN comm
CASCADE CONSTRAINTS;
```

6) Stergerea din dictionar a coloanelor dezactivate dintr-o tabela

```
ALTER TABLE scott.emp_test
DROP UNUSED COLUMNS CHECKPOINT 1000;
```

7) Informatii despre coloane numarul coloanelor dezactivate

```
SQL> desc dba_unused_col_tabs;
 Name                                      Null?                Type
 ----------------------------------------- --------             ---------------
 OWNER                                     NOT NULL     VARCHAR2(30)
 TABLE_NAME                                NOT NULL     VARCHAR2(30)
 COUNT                                     NUMBER
```

SQL> SELECT * FROM dba_unused_col_tabs;

OWNER	TABLE_NAME	COUNT
UBD1	EMP_TEST	1

8) Informatii despre tabelele din baza de date

SQL> desc dba_tables;

Nume	Nul?	Tip
OWNER	NOT NULL	VARCHAR2(30)
TABLE_NAME	NOT NULL	VARCHAR2(30)
TABLESPACE_NAME		VARCHAR2(30)
CLUSTER_NAME		VARCHAR2(30)
IOT_NAME		VARCHAR2(30)
PCT_FREE		NUMBER
PCT_USED		NUMBER
INI_TRANS		NUMBER
MAX_TRANS		NUMBER
INITIAL_EXTENT		NUMBER
NEXT_EXTENT		NUMBER
MIN_EXTENTS		NUMBER
MAX_EXTENTS		NUMBER
PCT_INCREASE		NUMBER
FREELISTS		NUMBER
FREELIST_GROUPS		NUMBER
LOGGING		VARCHAR2(3)
BACKED_UP		VARCHAR2(1)
NUM_ROWS		NUMBER
BLOCKS		NUMBER
EMPTY_BLOCKS		NUMBER
AVG_SPACE		NUMBER
CHAIN_CNT		NUMBER
AVG_ROW_LEN		NUMBER
AVG_SPACE_FREELIST_BLOCKS		NUMBER
NUM_FREELIST_BLOCKS		NUMBER
DEGREE		VARCHAR2(10)
INSTANCES		VARCHAR2(10)
CACHE		VARCHAR2(5)
TABLE_LOCK		VARCHAR2(8)
SAMPLE_SIZE		NUMBER
LAST_ANALYZED		DATE
PARTITIONED		VARCHAR2(3)

```
IOT_TYPE                       VARCHAR2(12)
TEMPORARY                      VARCHAR2(1)
SECONDARY                      VARCHAR2(1)
NESTED                         VARCHAR2(3)
BUFFER_POOL                    VARCHAR2(7)
ROW_MOVEMENT                   VARCHAR2(8)
GLOBAL_STATS                   VARCHAR2(3)
USER_STATS                     VARCHAR2(3)
DURATION                       VARCHAR2(15)
SKIP_CORRUPT                   VARCHAR2(8)
MONITORING                     VARCHAR2(3)
CLUSTER_OWNER                  VARCHAR2(30)
DEPENDENCIES                   VARCHAR2(8)
```

```
SQL>SELECT owner, tablespace_name,table_name  FROM dba_tables
      WHERE owner = 'SCOTT'
```

9) Informatii despre obiectele din baza de date

```
SQL> desc dba_objects
 Nume                                                      Nul?     Tip
 ----------------------------------------------------------------------------------------- -------- ------
 OWNER                                                              VARCHAR2(30)
 OBJECT_NAME                                                        VARCHAR2(128)
 SUBOBJECT_NAME                                                     VARCHAR2(30)
 OBJECT_ID                                                          NUMBER
 DATA_OBJECT_ID                                                     NUMBER
 OBJECT_TYPE                                                        VARCHAR2(18)
 CREATED                                                            DATE
 LAST_DDL_TIME                                                      DATE
 TIMESTAMP                                                          VARCHAR2(19)
 STATUS                                                             VARCHAR2(7)
 TEMPORARY                                                          VARCHAR2(1)
 GENERATED                                                          VARCHAR2(1)
 SECONDARY                                                          VARCHAR2(1)
```

```
SQL> SELECT object_name, created
      FROM DBA_OBJECTS
      WHERE object_name like 'EMP%' AND owner = 'SCOTT';

OBJECT_NAME          CREATED
-------------------- ----------
EMP                  02-10-2008
```

EMP1 01-12-2008