```
SQL> cl scr
SQL> SET SQLPROMPT DBASEC>
DBASEC>cl scr
DBASEC>COLUMN Empno FORMAT 9999
DBASEC>COLUMN MGR FORMAT 9999
DBASEC>COLUMN Sal FORMAT 9999
DBASEC>COLUMN Comm FORMAT 9999
DBASEC>COLUMN Deptno FORMAT 99
DBASEC>cl scr
DBASEC>SELECT * FROM Emp;
SELECT * FROM Emp
ERROR at line 1:
ORA-00942: table or view does not exist
DBASEC>DESC TAB
                                    Null? Type
 TNAME
                                     NOT NULL VARCHAR2(30)
TABTYPE
                                             VARCHAR2(7)
CLUSTERID
                                             NUMBER
DBASEC>SELECT * FROM TAB;
no rows selected
DBASEC>DESC USER TABLES
                                     Null? Type
Name
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
```

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NUMBER

AVG ROW LEN

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)
			VARCHAR2(3)
GLOBAL_STATS			
USER_STATS			VARCHAR2(3)
DURATION			VARCHAR2(15)
SKIP_CORRUPT			VARCHAR2(8)
MONITORING			VARCHAR2(3)
CLUSTER_OWNER			VARCHAR2(30)
DEPENDENCIES			VARCHAR2(8)
COMPRESSION			VARCHAR2(8)
DROPPED			VARCHAR2(3)
DBASEC>SELECT * FROM USER_TABLES; no rows selected			
	Null	.?	Туре
no rows selected DBASEC>DESC USER_TAB_COLUMNS	Null	.?	Type
no rows selected DBASEC>DESC USER_TAB_COLUMNS Name			Type
no rows selected DBASEC>DESC USER_TAB_COLUMNS Name	NOT	NULL	
no rows selected DBASEC>DESC USER_TAB_COLUMNS Name TABLE_NAME COLUMN_NAME	NOT	NULL	VARCHAR2(30)
no rows selected DBASEC>DESC USER_TAB_COLUMNS NameTABLE_NAME COLUMN_NAME DATA_TYPE	NOT	NULL	VARCHAR2(30) VARCHAR2(30) VARCHAR2(106)
no rows selected DBASEC>DESC USER_TAB_COLUMNS Name TABLE_NAME COLUMN_NAME DATA_TYPE DATA_TYPE_MOD	NOT	NULL	VARCHAR2(30) VARCHAR2(30) VARCHAR2(106) VARCHAR2(3)
no rows selected DBASEC>DESC USER_TAB_COLUMNS Name TABLE_NAME COLUMN_NAME DATA_TYPE DATA_TYPE_MOD DATA_TYPE_OWNER	NOT NOT	NULL NULL	VARCHAR2(30) VARCHAR2(30) VARCHAR2(106) VARCHAR2(3) VARCHAR2(30)
no rows selected DBASEC>DESC USER_TAB_COLUMNS Name TABLE_NAME COLUMN_NAME DATA_TYPE DATA_TYPE_MOD DATA_TYPE_OWNER DATA_LENGTH	NOT NOT	NULL NULL	VARCHAR2(30) VARCHAR2(30) VARCHAR2(106) VARCHAR2(3) VARCHAR2(30) NUMBER
no rows selected DBASEC>DESC USER_TAB_COLUMNS Name TABLE_NAME COLUMN_NAME DATA_TYPE DATA_TYPE DATA_TYPE_MOD DATA_TYPE_OWNER DATA_LENGTH DATA_PRECISION	NOT NOT	NULL NULL	VARCHAR2(30) VARCHAR2(30) VARCHAR2(106) VARCHAR2(3) VARCHAR2(30) NUMBER NUMBER
no rows selected DBASEC>DESC USER_TAB_COLUMNS Name TABLE_NAME COLUMN_NAME DATA_TYPE DATA_TYPE DATA_TYPE_MOD DATA_TYPE_OWNER DATA_LENGTH DATA_PRECISION DATA_SCALE	NOT NOT	NULL NULL	VARCHAR2(30) VARCHAR2(30) VARCHAR2(106) VARCHAR2(3) VARCHAR2(30) NUMBER NUMBER NUMBER
no rows selected DBASEC>DESC USER_TAB_COLUMNS Name TABLE_NAME COLUMN_NAME DATA_TYPE DATA_TYPE DATA_TYPE_MOD DATA_TYPE_OWNER DATA_LENGTH DATA_PRECISION DATA_SCALE NULLABLE	NOT NOT	NULL NULL	VARCHAR2(30) VARCHAR2(30) VARCHAR2(106) VARCHAR2(3) VARCHAR2(30) NUMBER NUMBER NUMBER VARCHAR2(1)
no rows selected DBASEC>DESC USER_TAB_COLUMNS Name TABLE_NAME COLUMN_NAME DATA_TYPE DATA_TYPE MOD DATA_TYPE_MOD DATA_TYPE_OWNER DATA_LENGTH DATA_PRECISION DATA_SCALE NULLABLE COLUMN_ID	NOT NOT	NULL NULL	VARCHAR2(30) VARCHAR2(30) VARCHAR2(106) VARCHAR2(3) VARCHAR2(30) NUMBER NUMBER NUMBER VARCHAR2(1) NUMBER
no rows selected DBASEC>DESC USER_TAB_COLUMNS Name TABLE_NAME COLUMN_NAME DATA_TYPE DATA_TYPE_MOD DATA_TYPE_MOD DATA_TYPE_OWNER DATA_LENGTH DATA_PRECISION DATA_SCALE NULLABLE COLUMN_ID DEFAULT_LENGTH	NOT NOT	NULL NULL	VARCHAR2(30) VARCHAR2(30) VARCHAR2(106) VARCHAR2(3) VARCHAR2(30) NUMBER NUMBER NUMBER VARCHAR2(1) NUMBER NUMBER NUMBER NUMBER NUMBER
no rows selected DBASEC>DESC USER_TAB_COLUMNS Name TABLE_NAME COLUMN_NAME DATA_TYPE DATA_TYPE_MOD DATA_TYPE_MOD DATA_TYPE_OWNER DATA_LENGTH DATA_PRECISION DATA_SCALE NULLABLE COLUMN_ID DEFAULT_LENGTH DATA_DEFAULT	NOT NOT	NULL NULL	VARCHAR2(30) VARCHAR2(30) VARCHAR2(106) VARCHAR2(3) VARCHAR2(30) NUMBER NUMBER NUMBER VARCHAR2(1) NUMBER NUMBER NUMBER NUMBER LONG
no rows selected DBASEC>DESC USER_TAB_COLUMNS Name TABLE_NAME COLUMN_NAME DATA_TYPE DATA_TYPE_MOD DATA_TYPE_MOD DATA_TYPE_OWNER DATA_LENGTH DATA_PRECISION DATA_SCALE NULLABLE COLUMN_ID DEFAULT_LENGTH DATA_DEFAULT NUM_DISTINCT	NOT NOT	NULL NULL	VARCHAR2(30) VARCHAR2(30) VARCHAR2(106) VARCHAR2(3) VARCHAR2(30) NUMBER NUMBER NUMBER VARCHAR2(1) NUMBER NUMBER NUMBER LONG NUMBER
no rows selected DBASEC>DESC USER_TAB_COLUMNS Name TABLE_NAME COLUMN_NAME DATA_TYPE DATA_TYPE_MOD DATA_TYPE_MOD DATA_TYPE_OWNER DATA_LENGTH DATA_PRECISION DATA_SCALE NULLABLE COLUMN_ID DEFAULT_LENGTH DATA_DEFAULT NUM_DISTINCT LOW_VALUE	NOT NOT	NULL NULL	VARCHAR2(30) VARCHAR2(30) VARCHAR2(106) VARCHAR2(3) VARCHAR2(30) NUMBER NUMBER NUMBER VARCHAR2(1) NUMBER NUMBER LONG NUMBER RAW(32)
no rows selected DBASEC>DESC USER_TAB_COLUMNS Name TABLE_NAME COLUMN_NAME DATA_TYPE DATA_TYPE_MOD DATA_TYPE_MOD DATA_TYPE_OWNER DATA_LENGTH DATA_PRECISION DATA_SCALE NULLABLE COLUMN_ID DEFAULT_LENGTH DATA_DEFAULT NUM_DISTINCT LOW_VALUE HIGH_VALUE	NOT NOT	NULL NULL	VARCHAR2(30) VARCHAR2(30) VARCHAR2(106) VARCHAR2(3) VARCHAR2(30) NUMBER NUMBER NUMBER VARCHAR2(1) NUMBER NUMBER NUMBER NUMBER NUMBER RAW(32) RAW(32)
no rows selected DBASEC>DESC USER_TAB_COLUMNS Name TABLE_NAME COLUMN_NAME DATA_TYPE DATA_TYPE MOD DATA_TYPE_MOD DATA_TYPE_OWNER DATA_LENGTH DATA_PRECISION DATA_SCALE NULLABLE COLUMN_ID DEFAULT_LENGTH DATA_DEFAULT NUM_DISTINCT LOW_VALUE HIGH_VALUE DENSITY	NOT NOT	NULL NULL	VARCHAR2(30) VARCHAR2(30) VARCHAR2(106) VARCHAR2(3) VARCHAR2(30) NUMBER NUMBER NUMBER VARCHAR2(1) NUMBER NUMBER NUMBER NUMBER ROUMBER NUMBER LONG NUMBER RAW(32) RAW(32) NUMBER
DBASEC>DESC USER_TAB_COLUMNS Name TABLE_NAME COLUMN_NAME DATA_TYPE DATA_TYPE MOD DATA_TYPE_OWNER DATA_LENGTH DATA_PRECISION DATA_SCALE NULLABLE COLUMN_ID DEFAULT_LENGTH DATA_DEFAULT NUM_DISTINCT LOW_VALUE HIGH_VALUE DENSITY NUM_NULLS	NOT NOT	NULL NULL	VARCHAR2(30) VARCHAR2(30) VARCHAR2(106) VARCHAR2(3) VARCHAR2(30) NUMBER NUMBER NUMBER VARCHAR2(1) NUMBER NUMBER LONG NUMBER RAW(32) RAW(32) NUMBER NUMBER NUMBER
DBASEC>DESC USER_TAB_COLUMNS Name TABLE_NAME COLUMN_NAME DATA_TYPE DATA_TYPE_MOD DATA_TYPE_MOD DATA_LENGTH DATA_PRECISION DATA_SCALE NULLABLE COLUMN_ID DEFAULT_LENGTH DATA_DEFAULT NUM_DISTINCT LOW_VALUE HIGH_VALUE DENSITY NUM_BUCKETS	NOT NOT	NULL NULL	VARCHAR2(30) VARCHAR2(30) VARCHAR2(106) VARCHAR2(3) VARCHAR2(30) NUMBER NUMBER NUMBER VARCHAR2(1) NUMBER NUMBER LONG NUMBER RAW(32) RAW(32) NUMBER NUMBER NUMBER NUMBER RAW(32) NUMBER NUMBER NUMBER
no rows selected DBASEC>DESC USER_TAB_COLUMNS Name TABLE_NAME COLUMN_NAME DATA_TYPE DATA_TYPE MOD DATA_TYPE_MOD DATA_TYPE_OWNER DATA_LENGTH DATA_PRECISION DATA_SCALE NULLABLE COLUMN_ID DEFAULT_LENGTH DATA_DEFAULT NUM_DISTINCT LOW_VALUE HIGH_VALUE DENSITY NUM_NULLS NUM_BUCKETS LAST_ANALYZED	NOT NOT	NULL NULL	VARCHAR2(30) VARCHAR2(30) VARCHAR2(106) VARCHAR2(3) VARCHAR2(30) NUMBER NUMBER NUMBER VARCHAR2(1) NUMBER NUMBER LONG NUMBER RAW(32) RAW(32) NUMBER NUMBER NUMBER RAW(32) NUMBER
no rows selected DBASEC>DESC USER_TAB_COLUMNS Name TABLE_NAME COLUMN_NAME DATA_TYPE DATA_TYPE_MOD DATA_TYPE_OWNER DATA_LENGTH DATA_PRECISION DATA_SCALE NULLABLE COLUMN_ID DEFAULT_LENGTH DATA_DEFAULT NUM_DISTINCT LOW_VALUE HIGH_VALUE DENSITY NUM_NULLS NUM_BUCKETS LAST_ANALYZED SAMPLE_SIZE	NOT NOT	NULL NULL	VARCHAR2(30) VARCHAR2(30) VARCHAR2(106) VARCHAR2(3) VARCHAR2(30) NUMBER NUMBER NUMBER VARCHAR2(1) NUMBER NUMBER LONG NUMBER RAW(32) RAW(32) RAW(32) NUMBER NUMBER NUMBER NUMBER RAW(31) NUMBER RAW(32) RAW(32) NUMBER NUMBER NUMBER NUMBER NUMBER NUMBER NUMBER NUMBER
no rows selected DBASEC>DESC USER_TAB_COLUMNS Name TABLE_NAME COLUMN_NAME DATA_TYPE DATA_TYPE_MOD DATA_TYPE_OWNER DATA_LENGTH DATA_PRECISION DATA_SCALE NULLABLE COLUMN_ID DEFAULT_LENGTH DATA_DEFAULT NUM_DISTINCT LOW_VALUE HIGH_VALUE DENSITY NUM_NULLS NUM_BUCKETS LAST_ANALYZED SAMPLE_SIZE CHARACTER_SET_NAME	NOT NOT	NULL NULL	VARCHAR2(30) VARCHAR2(30) VARCHAR2(106) VARCHAR2(3) VARCHAR2(30) NUMBER NUMBER NUMBER VARCHAR2(1) NUMBER NUMBER LONG NUMBER RAW(32) RAW(32) NUMBER NUMBER NUMBER RAW(32) NUMBER
no rows selected DBASEC>DESC USER_TAB_COLUMNS Name TABLE_NAME COLUMN_NAME DATA_TYPE DATA_TYPE DATA_TYPE_MOD DATA_TYPE_OWNER DATA_LENGTH DATA_PRECISION DATA_SCALE NULLABLE COLUMN_ID DEFAULT_LENGTH DATA_DEFAULT NUM_DISTINCT LOW_VALUE HIGH_VALUE DENSITY NUM_NULLS NUM_BUCKETS LAST_ANALYZED SAMPLE_SIZE CHARACTER_SET_NAME CHAR_COL_DECL_LENGTH	NOT NOT	NULL NULL	VARCHAR2(30) VARCHAR2(30) VARCHAR2(106) VARCHAR2(3) VARCHAR2(30) NUMBER NUMBER NUMBER VARCHAR2(1) NUMBER NUMBER LONG NUMBER RAW(32) RAW(32) RAW(32) NUMBER NUMBER NUMBER NUMBER RAW(31) NUMBER RAW(32) RAW(32) NUMBER NUMBER NUMBER NUMBER NUMBER NUMBER NUMBER NUMBER
no rows selected DBASEC>DESC USER_TAB_COLUMNS Name TABLE_NAME COLUMN_NAME DATA_TYPE DATA_TYPE_MOD DATA_TYPE_OWNER DATA_LENGTH DATA_PRECISION DATA_SCALE NULLABLE COLUMN_ID DEFAULT_LENGTH DATA_DEFAULT NUM_DISTINCT LOW_VALUE HIGH_VALUE DENSITY NUM_NULLS NUM_BUCKETS LAST_ANALYZED SAMPLE_SIZE CHARACTER_SET_NAME	NOT NOT	NULL NULL	VARCHAR2(30) VARCHAR2(106) VARCHAR2(106) VARCHAR2(30) NUMBER NUMBER NUMBER VARCHAR2(1) NUMBER NUMBER LONG NUMBER RAW(32) RAW(32) RAW(32) NUMBER NUMBER NUMBER NUMBER VARCHAR2(44)

AVG_COL_LEN		NUMBER
CHAR_LENGTH		NUMBER
CHAR_USED		VARCHAR2(1)
V80_FMT_IMAGE		VARCHAR2(3)
DATA_UPGRADED		VARCHAR2(3)
HISTOGRAM		VARCHAR2(15)
DBASEC>SELECT * FROM USER_TAB_COLUMNS;		
no rows selected		
DBASEC>DESC USER_CONSTRAINTS		
Name	Null?	Туре
OWNER		VARCHAR2(30)
CONSTRAINT_NAME	NOT NULL	VARCHAR2(30)
CONSTRAINT_TYPE		VARCHAR2(1)
TABLE_NAME	NOT NULL	VARCHAR2(30)
SEARCH_CONDITION		LONG
R_OWNER		VARCHAR2(30)
R_CONSTRAINT_NAME		VARCHAR2(30)
DELETE_RULE		VARCHAR2(9)
STATUS		VARCHAR2(8)
DEFERRABLE		VARCHAR2(14)
DEFERRED		VARCHAR2(9)
VALIDATED GENERATED		VARCHAR2(13) VARCHAR2(14)
BAD		VARCHAR2(14) VARCHAR2(3)
RELY		VARCHAR2(3)
LAST CHANGE		DATE
INDEX OWNER		VARCHAR2(30)
INDEX NAME		VARCHAR2(30)
INVALID		VARCHAR2(7)
VIEW_RELATED		VARCHAR2(14)
DBASEC>SELECT * FROM USER_CONSTRAINTS; no rows selected		
DBASEC>DESC USER_INDEXES		
Name	Null?	Type
INDEX NAME	NOT MIII I	VARCHAR2(30)
INDEX_NAME INDEX_TYPE	NOT NODE	VARCHAR2(30)
TABLE OWNER	NOT NIII.I.	VARCHAR2(30)
TABLE NAME		VARCHAR2(30)
TABLE TYPE		VARCHAR2(11)
UNIQUENESS		VARCHAR2(9)
COMPRESSION		VARCHAR2(8)
PREFIX LENGTH		NUMBER
TABLESPACE_NAME		VARCHAR2(30)
INI_TRANS		NUMBER
MAX_TRANS		NUMBER
INITIAL_EXTENT		NUMBER
NEXT_EXTENT		NUMBER
MIN_EXTENTS		NUMBER

MAX_EXTENTS		NUMBER
PCT_INCREASE		NUMBER
PCT_THRESHOLD		NUMBER
INCLUDE_COLUMN		NUMBER
FREELISTS		NUMBER
FREELIST_GROUPS		NUMBER
PCT_FREE		NUMBER
LOGGING		VARCHAR2(3)
BLEVEL		NUMBER
LEAF BLOCKS		NUMBER
DISTINCT KEYS		NUMBER
AVG LEAF BLOCKS PER KEY		NUMBER
AVG DATA BLOCKS PER KEY		NUMBER
CLUSTERING FACTOR		NUMBER
STATUS		VARCHAR2(8)
NUM ROWS		NUMBER
SAMPLE SIZE		NUMBER
-		
LAST_ANALYZED		DATE
DEGREE		VARCHAR2(40)
INSTANCES		VARCHAR2(40)
PARTITIONED		VARCHAR2(3)
TEMPORARY		VARCHAR2(1)
GENERATED		VARCHAR2(1)
SECONDARY		VARCHAR2(1)
BUFFER_POOL		VARCHAR2(7)
USER_STATS		VARCHAR2(3)
DURATION		VARCHAR2(15)
PCT_DIRECT_ACCESS		NUMBER
ITYP_OWNER		VARCHAR2(30)
ITYP NAME		VARCHAR2(30)
PARAMETERS		VARCHAR2(1000)
GLOBAL STATS		VARCHAR2(3)
DOMIDX STATUS		VARCHAR2(12)
DOMIDX OPSTATUS		VARCHAR2(6)
FUNCIDX STATUS		VARCHAR2(8)
JOIN INDEX		VARCHAR2(3)
IOT_REDUNDANT_PKEY_ELIM		VARCHAR2(3)
DROPPED		VARCHAR2(3)
DROPPED		VARCHARZ(3)
DDAGEG GELEGE * EDOM HGED INDEVEG.		
DBASEC>SELECT * FROM USER_INDEXES;		
no rows selected		
DBASEC>DESC USER_VIEWS		
Name	Null?	Type
VIEW_NAME	NOT NULL	VARCHAR2(30)
TEXT_LENGTH		NUMBER
TEXT		LONG
TYPE_TEXT_LENGTH		NUMBER
TYPE_TEXT		VARCHAR2(4000)
OID_TEXT_LENGTH		NUMBER
OID TEXT		VARCHAR2(4000)
VIEW_TYPE_OWNER		VARCHAR2(30)
VIEW TYPE		VARCHAR2(30)
SUPERVIEW NAME		VARCHAR2(30)
DOLEWATEM MANE		VANCHARZ (30)

```
DBASEC>SELECT * FROM USER_VIEWS;
no rows selected
DBASEC>DESC USER_SEQUENCES
                                   Null? Type
 NOT NULL VARCHAR2(30)
SEQUENCE NAME
MIN VALUE
                                           NUMBER
MAX VALUE
                                           NUMBER
INCREMENT_BY
                                    NOT NULL NUMBER
CYCLE_FLAG
                                           VARCHAR2(1)
ORDER FLAG
                                           VARCHAR2(1)
CACHE_SIZE
                                    NOT NULL NUMBER
                                    NOT NULL NUMBER
LAST_NUMBER
DBASEC>SELECT * FROM USER_SEQUENCES;
no rows selected
DBASEC>cl scr
DBASEC>CREATE TABLE SampleTAB
 2 (
 3 SampID NUMBER(2),
     SampName VARCHAR2(10),
 5
      SampDate DATE
 6
    );
CREATE TABLE SampleTAB
ERROR at line 1:
ORA-01031: insufficient privileges
DBASEC>cl scr
DBASEC>SELECT * FROM TAB;
no rows selected
DBASEC>DESC USER_OBJECTS
                               Null? Type
Name
OBJECT NAME
                                           VARCHAR2(128)
                                           VARCHAR2(30)
SUBOBJECT_NAME
OBJECT ID
                                           NUMBER
DATA OBJECT ID
                                           NUMBER
OBJECT_TYPE
                                           VARCHAR2(19)
CREATED
                                           DATE
LAST_DDL_TIME
                                           DATE
TIMESTAMP
                                           VARCHAR2(19)
STATUS
                                           VARCHAR2(7)
TEMPORARY
                                           VARCHAR2(1)
GENERATED
                                           VARCHAR2(1)
SECONDARY
                                           VARCHAR2(1)
```

DBASEC>SELECT * FROM USER_OBJECTS;

no rows selected

DBASEC>cl scr

DBASEC>SELECT * FROM TAB;

no rows selected

DBASEC>SELECT * FROM Emp;

SELECT * FROM Emp

*

ERROR at line 1:

ORA-00942: table or view does not exist

DBASEC>SELECT * FROM SCOTT.Emp;

EMPNO	ENAME	JOB	MGR	HIREDATE	SAL	COMM	DEPTNO
7839	KING	PRESIDENT		17-NOV-81	5000		10
7698	BLAKE	MANAGER	7839	01-MAY-81	2850		30
7782	CLARK	MANAGER	7839	09-JUN-81	2450		10
7566	JONES	MANAGER	7839	02-APR-81	2975		20
7654	MARTIN	SALESMAN	7698	28-SEP-81	1250	1400	30
7499	ALLEN	SALESMAN	7698	20-FEB-81	1600	300	30
7844	TURNER	SALESMAN	7698	08-SEP-81	1500	0	30
7900	JAMES	CLERK	7698	03-DEC-81	950		30
7521	WARD	SALESMAN	7698	22-FEB-81	1250	500	30
7902	FORD	ANALYST	7566	03-DEC-81	3000		20
7369	SMITH	CLERK	7902	17-DEC-80	800		20
EMPNO	ENAME	JOB	MGR	HIREDATE	SAL	COMM	DEPTNO
7788	SCOTT	ANALYST	7566	09-DEC-82	3000		20
7876	ADAMS	CLERK	7788	12-JAN-83	1100		20
7934	MILLER	CLERK	7782	23-JAN-82	1300		10

14 rows selected.

DBASEC>SELECT * FROM SCOTT.Dept;

SELECT * FROM SCOTT.Dept

•

ERROR at line 1:

ORA-00942: table or view does not exist

DBASEC>DELETE FROM SCOTT.Emp

WHERE SCOTT.Emp.Empno = 7654;

DELETE FROM SCOTT.Emp

ERROR at line 1:

ORA-01031: insufficient privileges

DBASEC>SPOOL OFF SQL> SET SQLPROMPT DBASEC> DBASEC>cl scr DBASEC>DESC USER_TAB_PRIVS_RECD Null? Type OWNER NOT NULL VARCHAR2(30) TABLE NAME NOT NULL VARCHAR2(30) GRANTOR NOT NULL VARCHAR2(30) PRIVILEGE NOT NULL VARCHAR2(40) **GRANTABLE** VARCHAR2(3) HIERARCHY VARCHAR2(3) DBASEC>COLUMN OWNER FORMAT A15 DBASEC>COLUMN "Table" FORMAT A15 DBASEC>COLUMN GRANTOR FORMAT A15 DBASEC>COLUMN PRIVILEGE FORMAT A15 DBASEC>SELECT 2 OWNER, 3 TABLE_NAME "Table", 4 GRANTOR, PRIVILEGE 6 FROM USER_TAB_PRIVS_RECD; no rows selected DBASEC>cl scr DBASEC>SELECT * FROM TAB; no rows selected DBASEC>COLUMN Empno FORMAT 9999 DBASEC>COLUMN Sal FORMAT 9999 DBASEC>COLUMN Comm FORMAT 9999 DBASEC>COLUMN MGR FORMAT 9999 DBASEC>COLUMN Deptno FORMAT 99 DBASEC>cl scr DBASEC>SELECT 2 OWNER, 3 TABLE_NAME "Table", 4 GRANTOR, 5 PRIVILEGE 6 FROM USER_TAB_PRIVS_RECD; GRANTOR OWNER Table PRIVILEGE ___________ SCOTT SCOTT EMPSELECT DBASEC>SELECT * FROM Emp; SELECT * FROM Emp

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ERROR at line 1:

ORA-00942: table or view does not exist

DBASEC>SELECT * FROM SCOTT.Emp;

EMPNO	ENAME	JOB	MGR	HIREDATE	SAL	COMM	DEPTNO
7839	KING	PRESIDENT		17-NOV-81	5000		10
7698	BLAKE	MANAGER	7839	01-MAY-81	2850		30
7782	CLARK	MANAGER	7839	09-JUN-81	2450		10
7566	JONES	MANAGER	7839	02-APR-81	2975		20
7654	MARTIN	SALESMAN	7698	28-SEP-81	1250	1400	30
7499	ALLEN	SALESMAN	7698	20-FEB-81	1600	300	30
7844	TURNER	SALESMAN	7698	08-SEP-81	1500	0	30
7900	JAMES	CLERK	7698	03-DEC-81	950		30
7521	WARD	SALESMAN	7698	22-FEB-81	1250	500	30
7902	FORD	ANALYST	7566	03-DEC-81	3000		20
7369	SMITH	CLERK	7902	17-DEC-80	800		20
EMPNO	ENAME	JOB	MGR	HIREDATE	SAL	COMM	DEPTNO
7788	SCOTT	ANALYST	7566	09-DEC-82	3000		20
7876	ADAMS	CLERK	7788	12-JAN-83	1100		20
7934	MILLER	CLERK	7782	23-JAN-82	1300		10

14 rows selected.

DBASEC>SELECT

- 2 OWNER,
- 3 TABLE_NAME "Table",
 4 GRANTOR,
 5 PRIVILEGE

- 6 FROM USER_TAB_PRIVS_RECD;

OWNER	Table	GRANTOR	PRIVILEGE	
SCOTT	DEPT	SCOTT	DELETE	
SCOTT	DEPT	SCOTT	SELECT	
SCOTT	EMP	SCOTT	SELECT	

DBASEC>SELECT * FROM SCOTT.Dept;

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

DBASEC>DELETE FROM SCOTT.Dept

WHERE SCOTT.Dept.Deptno = 30; DELETE FROM SCOTT.Dept

ERROR at line 1:

ORA-02292: integrity constraint (SCOTT.EMP_FOREIGN_KEY) violated - child record found

```
DBASEC>DELETE FROM SCOTT.Dept
  WHERE SCOTT.Dept.Deptno = 40;
1 row deleted.
DBASEC>SELECT * FROM SCOTT.Dept;
DEPTNO DNAME
                   LOC
-----
   10 ACCOUNTING NEW YORK
20 RESEARCH DALLAS
30 SALES CHICAGO
DBASEC>SELECT * FROM SCOTT.Dept;
DEPTNO DNAME
                   LOC
-----
   10 ACCOUNTING NEW YORK
   20 RESEARCH DALLAS
30 SALES CHICAGO
DBASEC>ROLLBACK;
Rollback complete.
DBASEC>SELECT * FROM SCOTT.Dept;
DEPTNO DNAME
              LOC
   10 ACCOUNTING NEW YORK
20 RESEARCH DALLAS
   20 RESEARCH
   30 SALES
                   CHICAGO
   40 OPERATIONS BOSTON
DBASEC>INSERT INTO SCOTT.Dept
 2 VALUES(50, 'SHIPPING', 'CHENNAI');
1 row created.
DBASEC>SELECT * FROM SCOTT.Dept;
DEPTNO DNAME
              LOC
   10 ACCOUNTING NEW YORK
   20 RESEARCH
                   DALLAS
   30 SALES
                   CHICAGO
   40 OPERATIONS BOSTON
50 SHIPPING CHENNAI
DBASEC>ROLLBACK;
Rollback complete.
DBASEC>SELECT * FROM SCOTT.Dept;
```

DEPTNO	DNAME	LOC					
10	ACCOUNTIN	G NEW Y	ORK				
20	RESEARCH	DALLA	s				
30	SALES	CHICA	.GO				
40	OPERATION	S BOSTC	N				
		TO SCOTT.De	_				
		, 'SHIPPING	;', 'C	HENNAI');			
*	INTO SCOT	1.Dept					
ERROR a	at line 1:						
ORA-00	001: uniqu	e constrain	t (SC	OTT.DEPT_PR	IMARY_	KEY) vi	olated
ר א מביני.	>SELECT						
_	OWNER,						
	TABLE NAME	"Table",					
4 (GRANTOR,	_					
	PRIVILEGE						
6 F1	ROM USER_T.	AB_PRIVS_RE	CD;				
no row	s selected						
DBASEC	cl scr						
DBASEC:	>SELECT						
2 (OWNER,						
3 :	TABLE_NAME	"Table",					
	GRANTOR,						
_	PRIVILEGE						
6 F.1	ROM USER_T.	AB_PRIVS_RE	CD;				
no row	s selected						
DBASEC:	SELECT *	FROM SCOTT.	Emp;				
SELECT	* FROM SC	OTT.Emp					
ERROR a	at line 1:	•					
		or view do	es no	t exist			
DBASEC:	>CONN HR/H	R					
Connect	· ·	-					
DBASEC:	CONN DBAS	EC/DBASEC					
Connect							
DBASEC:	>SELECT * :	FROM SCOTT.	Emp;				
EMPNO 1		JOB	MGR				EPTNO
7020				17_NOV_91			10
		PRESIDENT MANAGER					10 30
		MANAGER					10
		MANAGER					20
		SALESMAN					30
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7499	ALLEN	SALESMAN	7698	20-FEB-81	1600	300	30
7844	TURNER	SALESMAN	7698	08-SEP-81	1500	0	30
7900	JAMES	CLERK	7698	03-DEC-81	950		30
7521	WARD	SALESMAN	7698	22-FEB-81	1250	500	30
7902	FORD	ANALYST	7566	03-DEC-81	3000		20
7369	SMITH	CLERK	7902	17-DEC-80	800		20
EMPNO	ENAME	JOB	MGR	HIREDATE	SAL	COMM	DEPTNO
7788	SCOTT	ANALYST	7566	09-DEC-82	3000		20
7876	ADAMS	CLERK	7788	12-JAN-83	1100		20
7934	MILLER	CLERK	7782	23-JAN-82	1300		10

14 rows selected.

DBASEC>SELECT * FROM SCOTT.Dept;
SELECT * FROM SCOTT.Dept

ERROR at line 1:

ORA-00942: table or view does not exist

DBASEC>SELECT * FROM SCOTT.Dept;

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

DBASEC>SELECT * FROM SCOTT.Emp;

SELECT * FROM SCOTT.Emp

ERROR at line 1:

ORA-01031: insufficient privileges

DBASEC>SELECT

- 2 USERNAME,
- 3 GRANTED_ROLE
- 4 FROM USER_ROLE_PRIVS;

USERNAME GRANTED_ROLE

DBASEC EMPSEC

DBASEC>SELECT

- 2 ROLE,
- 3 PRIVILEGE
- 4 FROM ROLE_TAB_PRIVS;

no rows selected

DBASEC>cl scr

DBASEC>SELECT * FROM Employee;

SELECT * FROM Employee

*

ERROR at line 1:

ORA-00942: table or view does not exist

DBASEC>SELECT * FROM SCOTT.Employee;

EMPNO	ENAME	JOB	MGR	HIREDATE	SAL	COMM	DEPTNO
7839	KING	PRESIDENT		17-NOV-81	5000		10
7698	BLAKE	MANAGER	7839	01-MAY-81	2850		30
7782	CLARK	MANAGER	7839	09-JUN-81	2450		10
7566	JONES	MANAGER	7839	02-APR-81	2975		20
7654	MARTIN	SALESMAN	7698	28-SEP-81	1250	1400	30
7499	ALLEN	SALESMAN	7698	20-FEB-81	1600	300	30
7844	TURNER	SALESMAN	7698	08-SEP-81	1500	0	30
7900	JAMES	CLERK	7698	03-DEC-81	950		30
7521	WARD	SALESMAN	7698	22-FEB-81	1250	500	30
7902	FORD	ANALYST	7566	03-DEC-81	3000		20
7369	SMITH	CLERK	7902	17-DEC-80	800		20
EMPNO	ENAME	JOB	MGR	HIREDATE	SAL	COMM	DEPTNO
7788	SCOTT	ANALYST	7566	09-DEC-82	3000		20
7876	ADAMS	CLERK	7788	12-JAN-83	1100		20
7934	MILLER	CLERK	7782	23-JAN-82	1300		10

14 rows selected.

DBASEC>SELECT * FROM Employee;

EMPNO	ENAME	JOB	MGR	HIREDATE	SAL	COMM	DEPTNO
7839	KING	PRESIDENT		17-NOV-81	5000		10
7698	BLAKE	MANAGER	7839	01-MAY-81	2850		30
7782	CLARK	MANAGER	7839	09-JUN-81	2450		10
7566	JONES	MANAGER	7839	02-APR-81	2975		20
7654	MARTIN	SALESMAN	7698	28-SEP-81	1250	1400	30
7499	ALLEN	SALESMAN	7698	20-FEB-81	1600	300	30
7844	TURNER	SALESMAN	7698	08-SEP-81	1500	0	30
7900	JAMES	CLERK	7698	03-DEC-81	950		30
7521	WARD	SALESMAN	7698	22-FEB-81	1250	500	30
7902	FORD	ANALYST	7566	03-DEC-81	3000		20
7369	SMITH	CLERK	7902	17-DEC-80	800		20
EMPNO	ENAME	JOB	MGR	HIREDATE	SAL	COMM	DEPTNO
7788	SCOTT	ANALYST	7566	09-DEC-82	3000		20
7876	ADAMS	CLERK	7788	12-JAN-83	1100		20
7934	MILLER	CLERK	7782	23-JAN-82	1300		10

14 rows selected.

DBASEC>DESC Employee Null? Type Name NOT NULL NUMBER(4) **EMPNO** ENAME VARCHAR2(10) JOB VARCHAR2(9) MGR NUMBER (4) HIREDATE DATE NUMBER(7,2) \mathtt{SAL} COMM NUMBER(7,2)DEPTNO NOT NULL NUMBER(2) DBASEC>SELECT * FROM TAB; no rows selected DBASEC>SELECT * FROM USER_OBJECTS;

no rows selected

DBASEC>SPOOL OFF