.

```
SOL> SET SOLPROMPT DBASEC>
DBASEC>SHOW USER
USER is "DBASEC"
DBASEC>CREATE TABLE SampleTab
  2 (
      SampID NUMBER(4),
SampName VARCHAR2(10),
  3
      SampDate DATE
 6 );
CREATE TABLE SampleTab
ERROR at line 1:
ORA-01031: insufficient privileges
DBASEC>SELECT * FROM DEPT;
SELECT * FROM DEPT
ERROR at line 1:
ORA-00942: table or view does not exist
DBASEC>SELECT * FROM SCOTT.DEPT;
SELECT * FROM SCOTT.DEPT
ERROR at line 1:
ORA-00942: table or view does not exist
DBASEC>SELECT * FROM TAB;
no rows selected
DBASEC>SELECT * FROM DEPT
SELECT * FROM DEPT /
ERROR at line 1:
ORA-00942: table or view does not exist
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
        40 OPERATIONS BOSTON
10 ACCOUNTING NEW YORK
```

20 RESEARCH DALLAS

30 SALES CHICAGO

DBASEC>DELETE FROM SCOTT.DEPT WHERE SCOTT.DEPT.DEPTNO = 40; DELETE FROM SCOTT.DEPT WHERE SCOTT.DEPT.DEPTNO = 40

ERROR at line 1:

ORA-01031: insufficient privileges

DBASEC>CL SCR

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

JELECT FROM SCOTT.DEF

ERROR at line 1:

ORA-00942: table or view does not exist

DBASEC>DESC USER TAB PRIVS RECD;

Name
Type

OWNED NOT

OWNER

NULL VARCHAR2 (30)

TABLE_NAME
NULL VARCHAR2 (30)

GRANTOR

NULL VARCHAR2 (30)

PRIVILEGE

NULL VARCHAR2 (40)

GRANTABLE

VARCHAR2 (3)

DBASEC>COL OWNER FOR A15
DBASEC>COL "Table" FOR A15

DBASEC>COL GRANTOR FOR A15

DBASEC>COL PRIVILEGE FOR A15

DBASEC>SELECT

HIERARCHY VARCHAR2(3)

2 OWNER,

- 3 TABLE NAME "Table",
- 4 GRANTOR,
- 5 PRIVILEGE
- 6 FROM USER_TAB_PRIVS_RECD;

OWNER	Table	GRANTOR	PRIVILEGE
SCOTT	EMP	SCOTT	SELECT

DBASEC>SELECT

- 2 OWNER,
- 3 TABLE NAME "Table",

- 4 GRANTOR,
- 5 PRIVILEGE
- 6 FROM USER TAB PRIVS RECD;

OWNER	Table	GRANTOR	PRIVILEGE
SCOTT	EMP	SCOTT	UPDATE
SCOTT	EMP	SCOTT	SELECT

DBASEC>SELECT

- 2 OWNER,
- 3 TABLE NAME "Table",
- 4 GRANTOR,
- 5 PRIVILEGE
- 6 FROM USER TAB PRIVS RECD;

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

DBASEC>SELECT

- 2 OWNER,
- 3 TABLE NAME "Table",
- 4 GRANTOR,
- 5 PRIVILEGE
- 6 FROM USER TAB PRIVS RECD;

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

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	SELECT

DBASEC>

DBASEC>SELECT

- 2 OWNER,
- 3 TABLE NAME "Table",
- 4 GRANTOR,
- 5 PRIVILEGE
- 6 FROM USER TAB PRIVS RECD;

no rows selected

DBASEC>CL SCR

DBASEC>SELECT * FROM SCOTT.DEPT;

SELECT * FROM SCOTT.DEPT

ERROR at line 1:

ORA-00942: table or view does not exist

DBASEC>CONN HR/hr;

Connected.

DBASEC>CONN DBASEC/DBASEC;

Connected.

DBASEC>SELECT * FROM SCOTT.DEPT;

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

DBASEC>SELECT * FROM SCOTT.EMP;

SELECT * FROM SCOTT.EMP

ERROR at line 1:

ORA-00942: table or view does not exist

DBASEC>SELECT * FROM SCOTT.EMP;

COMM	EMPNO ENAME DEPTNO	JOB	MGR	HIREDATE	SAL
	7839 KING	PRESIDENT		17-NOV-81	5000
10 30	7698 BLAKE	MANAGER	7839	01-MAY-81	2850
30	7782 CLARK	MANAGER	7839	09-JUN-81	2450
10					
20	7566 JONES	MANAGER	7839	02-APR-81	2975
1400	7654 MARTIN 30	SALESMAN	7698	28-SEP-81	1250
300	7499 ALLEN 30	SALESMAN	7698	20-FEB-81	1600
0	7844 TURNER 30	SALESMAN	7698	08-SEP-81	1500
U	7900 JAMES	CLERK	7698	03-DEC-81	950
30					
500	7521 WARD 30	SALESMAN	7698	22-FEB-81	1250

0.0	7902 FORD	ANALYST	7566	03-DEC-81	3000	
20	7369 SMITH	CLERK	7902	17-NOV-80	800	
20	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 30	7935 RAKESH				2000	
15 rc	ows selected.				14.0	
DBASE Name Type	EC>DESC USER_ROI	E_PRIVS;		~	301	Null?
VARCH GRAN VARCH ADMI VARCH DEFF VARCH OS_G VARCH	RNAME HAR2(30) WTED_ROLE HAR2(30) WIN_OPTION HAR2(3) AULT_ROLE HAR2(3) GRANTED HAR2(3) EC>SELECT USERNAME, GRANTED_ROLE FROM USER_ROLE	PRIVS;	50			
USERN	NAME	y 	GRANTED_ROLE	E 		
DBASE	EC		SCOTTROLE			
DBASE Name Type		S_PRIVS;				Null?
ROLE	- <i>-}</i>					NOT
PRIV NULL ADMI	VARCHAR2 (30) /ILEGE VARCHAR2 (40) IN_OPTION HAR2 (3)					NOT
DBASE	EC>COL ROLE FORM	MAT A10				

DBASEC>COL PRIVILEGE FORMAT A20

```
DBASEC>SELECT
  2 ROLE,
  3
     PRIVILEGE
     FROM ROLE SYS PRIVS;
no rows selected
DBASEC>DESC ROLE TAB PRIVS;
                                                                Null?
Type
                                                                NOT
NULL VARCHAR2 (30)
OWNER
                                                                NOT
NULL VARCHAR2 (30)
TABLE NAME
NULL VARCHAR2 (30)
COLUMN NAME
VARCHAR2(30)
PRIVILEGE
                                                                NOT
NULL VARCHAR2 (40)
GRANTABLE
VARCHAR2(3)
DBASEC>SELECT
  2 ROLE,
 3 PRIVILEGE
4 FROM ROLE_TAB_PRIVS;
ROLE PRIVILEGE
_____
SCOTTROLE SELECT
SCOTTROLE SELECT
DBASEC>R
  1 SELECT
  2
    ROLE,
     PRIVILEGE
  3
     FROM ROLE TAB PRIVS
ROLE
SCOTTROLE SELECT
DBASEC>R
 1 SELECT
  2 ROLE,
  3 PRIVILEGE
 4* FROM ROLE_TAB_PRIVS
ROLE PRIVILEGE
```

SCOTTROLE DELETE

SCOTTROLE SELECT SCOTTROLE UPDATE SCOTTROLE INSERT

DBASEC>R

- 1 SELECT

- 2 ROLE,
 3 PRIVILEGE
 4* FROM ROLE_TAB_PRIVS

no rows selected

DBASEC>SELECT * FROM SCOTT.Employees;

COMM	EMPNO ENAME DEPTNO	JOB	MGR	HIREDATE	SAL
10	7839 KING	PRESIDENT		17-NOV-81	5000
30	7698 BLAKE	MANAGER	7839	01-MAY-81	2850
10	7782 CLARK	MANAGER	7839	09-JUN-81	2450
20	7566 JONES	MANAGER	7839	02-APR-81	2975
1400	7654 MARTIN 30	SALESMAN	7698	28-SEP-81	1250
300	7499 ALLEN 30	SALESMAN	7698	20-FEB-81	1600
	7844 TURNER	SALESMAN	7698	08-SEP-81	1500
0	30 7900 JAMES	CLERK	7698	03-DEC-81	950
30 500	7521 WARD 30	SALESMAN	7698	22-FEB-81	1250
	7902 FORD	ANALYST	7566	03-DEC-81	3000
20	7369 SMITH	CLERK	7902	17-NOV-80	800
20	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	7935 RAKESH				2000
30					

15 rows selected.

DBASEC>SELECT * FROM Employees; SELECT * FROM Employees

ERROR at line 1:

ORA-00942: table or view does not exist

DBASEC>SELECT * FROM Employees;

COMM		ENAME EPTNO	JOB	MGR	HIREDATE	SAL
	7839	KING	PRESIDENT		17-NOV-81	5000
10	7.600	D	WANA GED	7000	01 14717 01	0.050
30	7698	BLAKE	MANAGER	/839	01-MAY-81	2850
	7782	CLARK	MANAGER	7839	09-JUN-81	2450
10	7566	T011F10	WANA GED	7000	00 377 01	0075
20	/566	JONES	MANAGER	/839	02-APR-81	2975
	7654	MARTIN	SALESMAN	7698	28-SEP-81	1250
1400	5 400	30	~~~~~~	7600		1.600
300	/499	ALLEN 30	SALESMAN	7698	20-FEB-81	1600
500	7844	TURNER	SALESMAN	7698	08-SEP-81	1500
0		30		4		
30	7900	JAMES	CLERK	7698	03-DEC-81	950
30	7521	WARD	SALESMAN	7698	22-FEB-81	1250
500		30				
20	7902	FORD	ANALYST	7566	03-DEC-81	3000
20	7369	SMITH	CLERK	7902	17-NOV-80	800
20						
20	7788	SCOTT	ANALYST	7566	09-DEC-82	3000
20	7876	ADAMS 🔺	CLERK	7788	12-JAN-83	1100
20						
10	7934	MILLER	CLERK	7782	23-JAN-82	1300
ΤU	7935	RAKESH				2000
30						

15 rows selected.

DBASEC>SELECT * FROM TAB;

no rows selected

DBASEC>SELECT * FROM USER_TABLES;

no rows selected

DBASEC>SELECT * FROM Employees;

COMM	EMPNO ENAME DEPTNO	JOB	MGR HIREDATE	SAL
1.0	7839 KING	PRESIDENT	17-NOV-81	5000
10	7698 BLAKE	MANAGER	7839 01-MAY-81	2850
30	5500 oz 252		5000 00 550	0.450
10	7782 CLARK	MANAGER	7839 09-JUN-81	2450
	7566 JONES	MANAGER	7839 02-APR-81	2975
20	7654 MARTIN	SALESMAN	7698 28-SEP-81	1250
1400	30			
300	7499 ALLEN 30	SALESMAN	7698 20-FEB-81	1600
300	7844 TURNER	SALESMAN	7698 08-SEP-81	1500
0	30	OI EDIZ	7600 02 DEG 01	050
30	7900 JAMES	CLERK	7698 03-DEC-81	950
	7521 WARD	SALESMAN	7698 22-FEB-81	1250
500	30 7902 FORD	ANALYST	7566 03-DEC-81	3000
20	. 3 0 2 2 0 1 0 2	1111111111111		
20	7369 SMITH	CLERK	7902 17-NOV-80	800
20	7788 SCOTT	ANALYST	7566 09-DEC-82	3000
20	7876 ADAMS	CLERK	7788 12-JAN-83	1100
20	7876 ADAMS	CLERK	//00 12-UAN-03	1100
1.0	7934 MILLER	CLERK	7782 23-JAN-82	1300
10	7935 RAKESH	, Óa		2000
30		10		
15 ro	ows selected.	7		

15 rows selected.

DBASEC>SPOOL OFF