**SAILORS**

SQL> CREATE TABLE SAILORS(sid NUMBER(2),sname VARCHAR(15),rating NUMBER(2),age NUMBER(2), PRIMARY KEY (sid));

Table created.

SQL> desc SAILORS;

Name Null? Type

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

SID NOT NULL NUMBER(2)

SNAME VARCHAR2(15)

RATING NUMBER(2)

AGE NUMBER(2)

SQL> insert into SAILORS values(22,'Dustin',7,45);

1 row created.

SQL> insert into SAILORS values(29,'Brutas',1,33);

1 row created.

SQL> insert into SAILORS values(31,'Lubber',8,55);

1 row created.

SQL> insert into SAILORS values(32,'Andy',8,55);

1 row created.

SQL> insert into SAILORS values(58,'Rusty',10,35);

1 row created.

SQL> insert into SAILORS values(64,'Horatio',7,35);

1 row created.

SQL> insert into SAILORS values(71,'Zorba',10,16);

1 row created.

SQL> insert into SAILORS values(74,'Horatio',9,35);

1 row created.

SQL> insert into SAILORS values(85,'Art',3,26);

1 row created.

SQL> insert into SAILORS values(95,'Bob',3,64);

1 row created.

SQL> select \* from SAILORS;

SID SNAME RATING AGE

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

22 Dustin 7 45

29 Brutas 1 33

31 Lubber 8 55

32 Andy 8 55

58 Rusty 10 35

64 Horatio 7 35

71 Zorba 10 16

74 Horatio 9 35

85 Art 3 26

95 Bob 3 64

**BOATS**

SQL> CREATE TABLE BOATS(Bid NUMBER(3),bname VARCHAR(15),color VARCHAR(10),PRIMARY KEY(Bid));

Table created.

SQL> insert into BOATS values(101,'Interlake','Blue');

1 row created.

SQL> insert into BOATS values(102,'Interlake','Red');

1 row created.

SQL> insert into BOATS values(103,'Clipper','Green');

1 row created.

SQL> insert into BOATS values(104,'Marine','Red');

1 row created.

SQL> select \* from BOATS

2 ;

BID BNAME COLOR

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

101 Interlake Blue

102 Interlake Red

103 Clipper Green

104 Marine Red

**RESERVES**

SQL> create table RESERVES(sid NUMBER(2),Bid NUMBER(3),day DATE,FOREIGN KEY (sid) REFERENCES SAILORS(sid),FOREIGN KEY (Bid) REFERENCES BOATS(Bid));

Table created.

SQL> desc RESERVES;

Name Null? Type

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

SID NUMBER(2)

BID NUMBER(3)

DAY DATE

SQL> insert into RESERVES(22,101,'10-OCT-98');

insert into RESERVES(22,101,'10-OCT-98')

\*

ERROR at line 1:

ORA-00928: missing SELECT keyword

SQL> insert into RESERVES values(22,101,'10-OCT-98');

1 row created.

SQL> insert into RESERVES values(22,102,'10-OCT-98');

1 row created.

SQL> insert into RESERVES values(22,103,'10-AUG-98');

1 row created.

SQL> insert into RESERVES values(22,104,'10-JUL-98');

1 row created.

SQL> insert into RESERVES values(31,102,'11-OCT-98');

1 row created.

SQL> insert into RESERVES values(31,103,'11-JUN-98');

1 row created.

SQL> insert into RESERVES values(31,104,'11-DEC-98');

1 row created.

SQL> insert into RESERVES values(64,101,'09-MAY-98');

1 row created.

SQL> insert into RESERVES values(64,102,'09-AUG-98');

1 row created.

SQL> insert into RESERVES values(74,103,'09-AUG-98');

1 row created.

SQL> select \* from REVSERVES;

select \* from REVSERVES

\*

ERROR at line 1:

ORA-00942: table or view does not exist

SQL> select \* from RESERVES;

SID BID DAY

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

22 101 10-OCT-98

22 102 10-OCT-98

22 103 10-AUG-98

22 104 10-JUL-98

31 102 11-OCT-98

31 103 11-JUN-98

31 104 11-DEC-98

64 101 09-MAY-98

64 102 09-AUG-98

74 103 09-AUG-98

10 rows selected.

1. Find the names and ages of all sailors

SQL> select sname,age from SAILORS;

SNAME AGE

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

Dustin 45

Brutas 33

Lubber 55

Andy 55

Rusty 35

Horatio 35

Zorba 16

Horatio 35

Art 26

Bob 64

10 rows selected.

SQL> select s.sname from SAILORS s, RESERVES R WHERE s.sid=r.sid and r.Bid=101

2 ;

SNAME

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

Dustin

Horatio