SQL> /\*

SQL> Homework: create DB

SQL> Author: <Alfred Natzic>

SQL> \*/

SQL> SELECT \* FROM Sailors;

SID SNAME RATING AGE TRAINEE

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

22 Dave 7 45 85

29 Mike 1 33

31 Mary 8 55 85

32 Albert 8 25 31

58 Jim 10 35 32

64 Jane 7 35 22

71 Dave 10 16 32

74 Jane 9 40 95

85 Art 3 25 29

95 Jane 3 63

10 rows selected.

SQL> SELECT \* FROM Boats;

BID BNAME COLOR RATE LENGTH LOGKEEPER

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101 Interlake blue 350 30 95

102 Interlake red 275 23 22

103 Clipper green 160 15 85

104 Marine red 195 24 22

105 Weekend Rx white 500 43 31

106 C# red 300 27 32

107 Bayside white 350 32 85

108 C++ blue 100 12 95

8 rows selected.

SQL> SELECT \* FROM Reservations;

BID FORDATE SID ONDATE

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

101 10-OCT-12 22 07-OCT-12

102 14-OCT-12 22 10-OCT-12

103 17-NOV-12 22 10-OCT-12

105 14-OCT-12 58 13-OCT-12

102 20-OCT-12 31 10-OCT-12

103 22-NOV-12 31 20-OCT-12

104 23-NOV-12 31 20-OCT-12

101 05-SEP-12 64 27-AUG-12

102 20-NOV-12 64 03-NOV-12

103 18-OCT-12 74 04-AUG-12

10 rows selected.

SQL> SELECT \* FROM LazySailors;

SID SNAME RATING

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

71 Dave 10

85 Art 3

32 Albert 8

29 Mike 1

95 Jane 3

SQL> SET AUTOCOMMIT ON;

SQL> INSERT INTO Sailors VALUES (22, 'Dave', 6, 45.0, 95);

INSERT INTO Sailors VALUES (22, 'Dave', 6, 45.0, 95)

\*

ERROR at line 1:

ORA-00001: unique constraint (NATZICA.SIC1) violated

SQL> INSERT INTO Sailors VALUES (21, 'Jay', 6, 45.0, 99);

INSERT INTO Sailors VALUES (21, 'Jay', 6, 45.0, 99)

\*

ERROR at line 1:

ORA-02091: transaction rolled back

ORA-02291: integrity constraint (NATZICA.SIC2) violated - parent key not found

SQL> INSERT INTO Sailors VALUES (92, 'Popeye', 17, 45.0, 95);

INSERT INTO Sailors VALUES (92, 'Popeye', 17, 45.0, 95)

\*

ERROR at line 1:

ORA-02290: check constraint (NATZICA.SIC3) violated

SQL> SET ECHO OFF