

Homework: Creating the SAILORS Database using Oracle

The objectives of this homework are:

1. To make sure that you have created the SAILORS database successfully since you will need it to run the upcoming SQL and PL/SQL assignments.
2. Get a feel for the types of error and status messages that Oracle outputs. Notice that the INSERT statements below are intentionally designed to produce errors since they violate some relational model constraints – you are *not* expected or required to correct the errors.

Here is what you have to do:

1. Follow the instructions in the document **oracleIntro.doc** (posted as part of our class notes) in order to create your own SAILORS database on Oracle.
2. Create a text file (name it **db.sql**) and include the following lines in it:

```
SPOOL db.out
SET ECHO ON
/*
Homework: create DB
Author: <enter your first and last name here>
*/
SELECT * FROM Sailors;
SELECT * FROM Boats;
SELECT * FROM Reservations;
SELECT * FROM LazySailors;
SET AUTOCOMMIT ON;
INSERT INTO Sailors VALUES (22, 'Dave', 6, 45.0, 95);
INSERT INTO Sailors VALUES (21, 'Jay', 6, 45.0, 99);
INSERT INTO Sailors VALUES (92, 'Popeye', 17, 45.0, 95);
SET ECHO OFF
SPOOL OFF
```

3. Log on to EOS, launch Oracle, and run your above command file (**db.sql**). Remember that you have learned how to run a command file when you created your SAILORS database.
4. Print the resulting spooled file **db.out** and submit the printout in class on the due date.

Study your output carefully and try to understand every error message that you get.
You are **not** required to fix them since they are meant to show the types of errors.