This assignment can be done by modifying the PL/SQL program** PL060 **that we covered in class.

Specifications *(Refer to the SAILORS database that we have been using in class.)*

The boating club has decided to decrease the rental rates on the boats that nobody has reserved. Write a PL/SQL program that does the following: It prompts the user for two integer values. The first integer represents the proposed decrement in the rental rate. The second integer represents the minimum rental rate (after the discount) that the club would allow for any non-rented boat. An update is accepted or rejected based upon whether it falls above or below the set minimum. (Notice that an update may be rejected due to violation of some other schema integrity constraints). The ***format*** of the output of your program should be ***exactly*** similar to the format of the sample run below.

Sample Run

Input: 45, 260
Output

```
+++++ Boat: 106: old rate = 300
----- Boat 106: Update rejected. The new rate would have been 255
+++++ Boat: 108: old rate = 100
----- Boat 108: Update rejected. The new rate would have been 55
+++++ Boat: 107: old rate = 350
----- Boat: 107: new rate = 305
```

Your Program

Write your program by completing the skeleton below.

```
-- File PLh20.sql
-- Author: <<< YOUR NAME >>>
-----------------------------------------------------------------
SET SERVEROUTPUT ON
SET VERIFY OFF
   ----------------------------------
ACCEPT  rateDecrement NUMBER PROMPT 'Enter the rate decrement: '
ACCEPT  allowedMinRate NUMBER PROMPT 'Enter the allowed min. rate: '
DECLARE
     <your declarations go here>
BEGIN
     <your code goes here>
END;
/
```

Deliverables
(your program must run in order to be graded. The source code by itself will not be graded).

1. Print the source code of your program (file **PLh20.sql**).
2. **IMPORTANT**: Make sure that your database instance is exactly as the original one created for class use. Otherwise, it will be unclear whether your program works or not.
3. Run your program in **sqlplus** (at the command line) as follows:

```
SQL> SPOOL PLh20.out
SQL> @PLh20
      Run your program for the input: 55 and 200
SQL> SPOOL OFF
```

4. Print the spooled file **PLh20.out**
5. Submit, **in class**, **printed copies** of items **1 and 4** above.