Lab Assignment No. 1

a) Write a PL/SQL block to insert numbers into messages table.
b) Insert the numbers 1 through 10, excluding 6 and 8
c) Commit data before the end of the block

Hint: Use FOR LOOP, IF statement and INSERT command.

CREATE TABLE messages (results NUMBER);

Execute a SELECT statement to verify that your PL/SQL block worked as expected.

Lab Assignment No. 2

Create a new table EMP2 from EMPLOYEES table.

Add a new column in EMP2 table (STARS varchar2(50))

a. Write a PL/SQL block that inserts an asterisk in the STARS column for every $1000 of an employee's salary
b. In the declarative section, declare a variable v_empno of type emp2.employee_id and initialize it to 176
c. Declare a variable v_asterisk of type emp2.stars and initialize it to NULL.
d. Create a variable v_salary of type emp2.salary
e. In the executable section, write logic to append an asterisk to the string for every $1000 of the salary.
f. For example, if the employee earns $8000, the string of asterisks should contain eight asterisks. If the employee earns $12500, the string of asterisks should contain 13 asterisks.
g. Update the stars column for the employee with the string of asterisks in the EMP2 table.
h. Commit data before the end of the block.

Hint: Use FOR LOOP, NVL(), ROUND() and UPDATE command.

Using SELECT statement, display the row from the emp2 table to verify whether your PL/SQL block has executed successfully