DBMS LAB
ASSIGNMENT ON PL/SQL

CO2: Interact with database through Procedural programming

1) Accept an employee code from user. Find the name of the employee from EMP table. If the employee is not existing then indicate it through a suitable message.

2) Write a PL / SQL block to add row in EMP table . If employee code is duplicate/dept. code is not present in DEPT table then message is to be shown & row can not be added.

3) From the EMP table find the name of top 5 (according to basic salary) employees.

4) Accept a department code from the user. Delete all the employee rows with that department code. Show how many rows have been deleted.

5) Consider the tables that you have designed for problem 5 of Assignment 3. Write down the PL/SQL blocks for the following:
i) Book issue with proper validation of member, availability of book and eligibility check for issue.
ii) Book return with proper check (whether this copy was issued to this member or not),

6) Assume a LEAVE table with emp_no,month,no._of_days.
For each employee find the effective basic for the current month as per the formula given below:

BASIC - (BASIC * no. of leave days in the month)/no. of days in that month

7).Consider the following tables:

Table: ORDERMAST
Structure:

ORDER_NO	CHAR(5)	primary key
ORDER_DT	DATE	

Table: ORDERDETAILS
Structure:

ORDER_NO	CHAR(5)
ITEM_NO	CHAR(5)
QTY	NUMBER

ORDER_NO + ITEM_NO is primary key

Table: DELIVERYMAST
Structure:

DELV_NO	CHAR(5)	primary key
ORDER_NO	CHAR(5)	
DELV_DT	DATE	

Table: DELIVERY_DETAILS
Structure:

DELV_NO	CHAR(5)
ITEM_NO	CHAR(5)
QTY	NUMBER

DELV_NO+ITEM_NO is primary key

Write a PL/SQL block which accepts two dates & find the information of the pending delivery for the orders placed between the two dates supplied by the user.
Note, an order can have request for multiple items. Against an order, multiple delivery with partial shipment is possible.