Assignment-12

(Database Triggers in PLSQL)

EMP (ENO, ENAME, JOB, AGE, SALARY, COMMISSION, DEPTNO).
DEPT (DEPTNO, DNAME)
(Deptno of EMP is a foreign key which refers to the Deptno of Dept Table)

Assume and create required tables with appropriate attributes, if any

1. Write a database trigger on the EMP table, which will store each deleted record from the EMP table in another table called EMP_OLD.
2. Create a database trigger on the EMP table, verifying that no employee is under 25 while entering the details (ENO, AGE) into the EMP table.
3. Write a database trigger on the EMP table, which verifies that each employee's updated salary should not less than their old salary.
4. Write a database trigger which is an example of a statement-level trigger.
5. Create a trigger on the EMP table to convert supplied values of the ENAME column to uppercase for INSERT and UPDATE statements.
6. Create a trigger on the emp table, which shows the old and new values of ENAME after every updation on the ENAME of the EMP table.
7. Write a trigger to ensure that an employee's commission cannot be greater than his salary.
8. Create a trigger so that no operation can be performed on the EMP table on Sunday.
9. Create a trigger to implement the primary key constraint on column ENO of table EMP.
10. Write a trigger to implement a foreign key constraint on the DEPTNO column of the EMP table which refers to the DEPTNO of DEPT Table.