ASSIGNMENT - DAY 7 (Databases)

Procedure:

1. Create a procedure called ADD_JOB to insert a new job into the JOBS table. Provide the ID and job title using two parameters.
2. Create a procedure called GET_EMPLOYEE to query the EMPLOYEES table, provided with the EMPLOYEE_ID and returns SALARY and JOB_ID.

Function:

1. Create a function called GET_ANNUAL_COMP to return the annual salary computed from an employee's monthly salary and commission passed as parameters.
    a) Create the GET_ANNUAL_COMP function, which accepts parameter values for the monthly salary and commission. Either or both values passed can be NULL, but the function should still return a non-NULL annual salary. Use the following basic formula to calculate the annual salary:
    (salary*12) + (commission_pct*salary*12)
    b) Use the function in a SELECT statement against the EMPLOYEES table for employees in department 30.

Trigger:

1. Create a table with following script:
    CREATE TABLE DML_LOG (log_date DATE , action VARCHAR(50));
2. Create a trigger, EVAL_CHANGE_TRIGGER, which adds a row to the table DML_LOG whenever an INSERTor DELETE statement changes the DEPARTMENTS table.
    Note: log_date column stores the date of DML operation and action column stores the event name (INSERT or DELETE).