ASSIGNMENT NO 08

Example – ROW LEVEL AFTER UPDATE TRIGGER

CREATE OR REPLACE TRIGGER "TRIGGER_ROW_LVL_AFTER_UPDATE"

AFTER UPDATE OF BOOK_STATUS_ID ON LIBRARY

FOR EACH ROW

BEGIN

INSERT INTO LIBRARY_AUDIT_ROW_LVL(BOOK_ID, BOOK_STATUS_ID, UPDATE_TS) VALUES (:old.BOOK_ID, :old.BOOK_STATUS_ID, CURRENT_TIMESTAMP);

END;

Example – ROW LEVEL BEFORE UPDATE TRIGGER

CREATE OR REPLACE TRIGGER "TRIGGER_ROW_LVL_BEFORE_UPDATE"

BEFORE UPDATE OF BOOK_STATUS_ID ON LIBRARY

FOR EACH ROW

BEGIN

 INSERT INTO LIBRARY_AUDIT_ROW_LVL(BOOK_ID, BOOK_STATUS_ID, UPDATE_TS) VALUES (:old.BOOK_ID, :old.BOOK_STATUS_ID, CURRENT_TIMESTAMP);

END;

Example – STATEMENT LEVEL AFTER DELETE TRIGGER

CREATE OR REPLACE TRIGGER TRIGGER_STMT_LVL_AFTER_DELETE

AFTER DELETE ON LIBRARY

BEGIN

  INSERT INTO LIBRARY_AUDIT_STMT_LVL (STMT_TYPE, UPDATE_TS) VALUES ('AFTER DELETE', CURRENT_TIMESTAMP);

END;

Example – STATEMENT LEVEL BEFORE DELETE TRIGGER

CREATE OR REPLACE TRIGGER TRIGGER_STMT_LVL_BEFORE_DELETE

BEFORE DELETE ON LIBRARY

BEGIN

  INSERT INTO LIBRARY_AUDIT_STMT_LVL (STMT_TYPE, UPDATE_TS) VALUES ('BEFORE DELETE', CURRENT_TIMESTAMP);

END;