"fire") in response to specific events on a particular table or view. They are commonly used for maintaining data integrity, enforcing business rules, and auditing changes. Types of Triggers Row-Level Triggers: Execute for each row affected by the triggering event. Statement-Level Triggers: Execute once for the triggering event, regardless of the number of rows affected. Trigger Timing BEFORE: Fires before the triggering event (INSERT, UPDATE, DELETE). AFTER: Fires after the triggering event. INSTEAD OF: Used mainly for views, it replaces the triggering event with the trigger action. Syntax: Here's a basic syntax for creating a trigger: CREATE [OR REPLACE] TRIGGER trigger_name {BEFORE | AFTER | INSTEAD OF} {INSERT | UPDATE | DELETE} ON table name [FOR EACH ROW] **DECLARE** -- variable declarations BEGIN -- trigger logic END; Example 1: CREATE OR REPLACE TRIGGER check salary BEFORE UPDATE OF salary ON employees FOR EACH ROW BEGIN IF :NEW.salary < 0 THEN</pre> RAISE APPLICATION ERROR(-20001, 'Salary cannot be negative.'); END IF; END;

ALTER TRIGGER trigger_name ENABLE; ALTER TRIGGER trigger name DISABLE;

Triggers in Oracle SQL are special stored procedures that automatically execute (or