Trigger Example II: Trigger with conditional predicates.

CREATE TRIGGER total_salary
AFTER DELETE OR INSERT OR UPDATE OF deptno, sal
ON Emp
FOR EACH ROW
BEGIN
  /* assume DEPTNO, SAL are non-NULL */

  /* delete existing record or change department for */
  /* an employee, deduct salary from old department */
  IF DELETING OR
    ( UPDATING AND :OLD.deptno <> :NEW.deptno ) THEN
    UPDATE Dept_budget /* separate table that references DEPT */
    SET total_sal = total_sal - :OLD.sal
    WHERE deptno = :OLD.deptno;
  END IF;

  /* insert new record or change department for an */
  /* employee, add salary to new department */
  IF INSERTING OR
    ( UPDATING AND :OLD.deptno <> :NEW.deptno ) THEN
    UPDATE Dept_budget
    SET total_sal = total_sal + :NEW.sal
    WHERE deptno = :NEW.deptno;
  ENDIF;

  /* change both department and salary for an employee, */
  /* adjust for salary change */
  IF UPDATING AND
    ( :OLD.deptno = :NEW.deptno ) AND
    ( :OLD.sal <> :NEW.sal ) THEN
    UPDATE Dept_budget
    SET total_sal = total_sal + (:NEW.sal - OLD.sal )
    WHERE deptno = :OLD.deptno;
  END IF;
END;