**Parcial 3**

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**----Triggers**

CREATE SEQUENCE aud\_in

START WITH 1

INCREMENT BY 1;

CREATE OR REPLACE TRIGGER Trig\_updtransac

AFTER INSERT ON Prestamos

FOR EACH ROW

DECLARE

v\_tipo\_Cambio char;

BEGIN

v\_tipo\_cambio := 'I';

INSERT INTO auditoria\_prest

Values (aud\_in.NEXTVAL,'Prestamo', v\_tipo\_cambio, :New.ID\_Cliente, :New.ID\_Tipo, :OLD.M\_aprobado, :New.M\_pagado, :OLD.M\_aprobado-:New.M\_pagado,user,sysdate);

END Trig\_updtransac;

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CREATE OR REPLACE TRIGGER Trig\_monap

AFTER UPDATE OR DELETE OR INSERT ON Prestamos

FOR EACH ROW

BEGIN

UPDATE Sucursal\_Prestamo

SET monto\_prestamo = monto\_prestamo+ :New.monto\_aprob

where ID\_tipo=ID\_tipo AND cod\_sucursal=cod\_sucursal;

IF SQL%ROWCOUNT=0 THEN

INSERT INTO Sucursal\_Prestamo

Values (:NEW.ID\_Tipo, :NEW.cod\_sucursal, :NEW.monto\_prestamo;

END Trig\_monap;

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CREATE SEQUENCE trig\_transac

START WITH 1

INCREMENT BY 1;

CREATE OR REPLACE TRIGGER aud\_trig\_prest

BEFORE UPDATE OR DELETE OR INSERT ON Transact\_pagos

FOR EACH ROW

v\_TipoCambio CHAR;

BEGIN

IF UPDATING THEN

v\_TipoCambio := 'U';

INSERT INTO AUDITORIA\_transac

VALUES (trig\_transac.nextval, v\_tipoCambio, :NEW.cod\_sucursal, :NEW.id\_tipo, :new.monto\_pago, user, sysdate);

ELSIF INSERTING THEN

v\_TipoCambio := 'I';

INSERT INTO AUDITORIA\_transac

VALUES (trig\_transac.nextval, v\_tipoCambio, :NEW.cod\_sucursal, :NEW.id\_tipo, :new.monto\_pago, user, sysdate);

ELSIF DELETING THEN

v\_TipoCambio := 'D';

INSERT INTO AUDITORIA\_transac

VALUES (trig\_transac.nextval, v\_tipoCambio, :NEW.cod\_sucursal, :NEW.id\_tipo, :new.monto\_pago, user, sysdate);

END IF;

END aud\_trig\_prest;

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CREATE OR REPLACE TRIGGER Afect\_prest

AFTER UPDATE OR DELETE OR INSERT ON Prestamos

FOR EACH ROW

BEGIN

UPDATE Sucursal\_Prestamo

SET monto\_prestamo = monto\_prestamo+ :New.monto\_aprob

where ID\_tipo=ID\_tipo AND cod\_sucursal=cod\_sucursal;

END afect\_prest;

**----Vista**

CREATE VIEW sucursal\_prest AS

SELECT s.nombre\_sucursal, t.tipo, sp.monto\_prestamo FROM sucursal s join sucursal\_prestamo sp ON s.cod\_sucursal=sp.cod\_sucursal join tipo\_prestamo t on t.ID\_tipo=sp.ID\_tipo;