TASK: 6 Toliggers, views and Exceptions Aim: To implement Triggers, views and exaption on CRUB operation step1: Oreal e patient Table CREATE TABLE patient C patient_id NUMBER PRIMARY KEY, Patient_ Name VARCHAR2(50), ay & BINT Status VARCHAR2(20) 2; 3 dep 2: view for Active patients CREATE OR REPLACE VIEW active palied As SELECT patient id, Patient name, age FROM patient WHERE Status = 1 Admitted 1. Lexecution: INSERT INTO patient VALUES (101, 'Rahd, 32, (Rodmitted 1); INSERT INTO Patient VALUES (102, 1 Anila, 40, · pischarch od 15 INSERT INTO Patient VALUES(103) SWIEST, 20, · Admitted 1); COMMIT; SELECT * FROM active_patients

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output: palient - Name patient - ID Rahul gwiesh step3: Trigger to Restored peletion of Admitted patients CREATE OR REPLACE TRIGGER Prievent _ admitted _ delete BEFORE DELETE ON Patient Row FOR EACH BEOILN *IF : OLD . States = 'Admitted' THEN RAISE APPLICATION ERROR @20001, connot delet pomited paliculy END IF; END; Execution: DELETE FROM patient WHERE pulientid dol pulput: ORA - 2000 1: connot delete Admitted ORA -06512 : at " PRE VENT_ADMITTED - PELET" line 3 4

step 4: Exception Handling in uppate DECLIPRE V_id . Patient . Patient_id Y. TYPE := 200: V- nam e. patient - ramp y. TYPE BEALN UPPATE Patient SET patient_name = Mepna' WHERE potient_id = V_id; IF SQL Y. ROWCOUNT = O THEN RAISE_APPLICATION_ERROR (-20002) the patient found with In'llv_id); END IF EXCEPTION WHEN OTHERS THEN dbm3-output. put-line ('ETTTON: 113QL FRRM); END; output: Estron: ORA-20002: No patient found steps: After inself Taigger for pudit CREATE TABLE rational adult (audit-id NUMBER OFENERATED ALWAYS AS SPENTITY pertient _ Id NUMBER , adion VARCHAR 2(20), action -date PATE);

CREATE OR REPLACE TRICIDIEN

and if _ policy _ insent

AFTER 19NSERT ON · pakent

FOR EACH ROW

BENIN

INSERT INTO patient _ and if (patient id)

action , action _ dote)

VALUES (: NOEW . Potient _ id , INSERT')

SYSPATED:

END;

Execution:

INSERT INTO patients VALUES (104) MORAS

SELECT * FROM patient_audit;

to at

output;			
	POTIENT TO	petion	ACTION_DATE
AUDIT_ 1D	POMILION	TNSERT	19-55-25
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PERFORMACIÓN 6

RESULTANTI ANTA CIRCLETA 6

VIVA VOTE (1) 5

RECOND (N)

TOTAL (20)

SIGN WITH DATE

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Result:

Thus, the triggers, views and Exaption
were successfully executed