TASK 6: T8/99EB VIEWS and Exceptions

Aims to implement Tologers, views and exception on CRUD operation

Step 18 Create Patient Table

CREATE TABLE Patient (

Portient - id NUMBER PRIMARY KEY

Patient - rame WARCHARS (50)

abje INT

Status WARCHARS (20)

Stopes view for active patients CREATE OR REPLACE VIEW active. Allian As SELECT Patient_id Patient_vane, age FROM Patient WHERE States - 'Admitted'.

Execution:

INSERT INTO Patient VALOES(101, Agril 32)

INSERT INTO BOLIEU NAMES (165, Amild to

INSERT INTO POFIENT NATUES (03) 12MENT/SE

COMMIT; SELECT* FROM active_ Petients ortent?

attent ID	Pattent wone	120-8
101	Remel	1497
108	And the state of t	3
	31.1631	2.3

steps: Trigges to Restrict Deletion or Admitted Patients

CREATE OR REPLAGE TRIGGER Werest admitted aglete

BEFORE DELETE ON PATIENT.

FOR EACH ROW

BEGILN

OZHT DSATIMBA = PNAMS. OJO: 7 F RAISE _ APPLICATION_ ERROR

(2000 Cannot delete Admitted Pation)

END IF END!

Execution 3

OF- LETE FROM BATICH WHERE PAtiENT 19-101.

output :

like 3

ORA - 20001: Owner delete Admitted Alient ORA_ OBSIZ : at "PREVENT_ADMITTED_PECETE"

step 4 & Exception Hardling in update DECLARE

> b-id. Patient -id. TYPE: = 200. U-hang, Patient wome 1. TYPE:

BEGIN

UPDATE PHIENT

SET Patient name = 'meeng'

LOTTERE Patient ig = nild

IF SOL! BON COORT = O THEN

RAIJE - APPLICATION - ERAPAC JOSON

: Usi-Ullazition barrof theited ours

ERRIN

END IF.

EXCEPTION

WHER BYHED WITHOU

9 PM2- ontbut = but - line (EABOR: 18201 ENDS).

(BONE

e tration

FOXOY: ORA- 20002: NO ExiEst Lours with SDSOO

Step 5: After Insert Trigger for Andif

CREATE TABLE POLICH - Stuff (94916 - 19 HOWBER PENERATED HIGHTS ADV

#O ENTITY

Patient - id NumbER action about Abrogo) delina

CREATE OR REPLACE TRIGHER audit - Patient in gest AFTER INSERT ON PATIENT FOR EACH ROW BEGIN INSERT INTO Pakient qudit (PATION) is

action action date) NALUES (: NEW. PATION - Id, 'INSERT SXDATEL

END;

Execution:

INSERT INTO PORTENTS UALVES (164

meena' 25, admitted)

SELECT FROM Patient andit:

suffert;

	AT_TIBUA	Patient ID	Action	ACTION-DATE
-		101	INSERT	191-501-25
Management				

 $\overline{VEL\ TECH \cdot CSE}$ EX NO. PERFORMANCE (5) RESULT AND ANALYSIS (5) VIVA VOCE (5) ORD (5) Flys, the thissers, wiews and Exception

make successfully executed.