Aim: To implement trigger, views and

Exception in SOL

Procedure:

- 1. Create customes tack
- 2. Insert the values
- 3. Perform trigger operation
- 4. Penfam view experction
 - 5. Perform exception handling.

1. Implementing triggers

CREATE TABLE (whomen (

Customer ID INT PRIMARY KEY,

Name VARCHAR (50),

Age INT

phone VARCHAR (15),

Email VAKCHAR (50)

1;

CREATE OR REPLACE TRIGGER prevent-undergy . underest

BEFORE INSERT ON CONTOMER.

EACH ROW FOR

BEGIN

IC : NEW . Age Lals THEN

RAISE - APPLICATION - ERROR (-2001, 'Custing

18 on above) age must

END IF;

```
2. create a log rate for customer Actions
   CREATE STABLE Customer Log (
        LOG IO NUMBER PRIMARY KEY,
       Customer TO INT,
      Action type VARCHAR (20),
      Adies Date TIMESTAMP DEFAULT SYSTEM STAMP
    );
 2. creating views
   View for customer confact information,
   (REATE OR REPLACE VIEW riew- customer Confact As.
    SELECT customer ID, Name, Phone, Emal)
    FROM custamen;
  CREATE OR REPLACE VIEW - customer type codegory
 AS SELECT
     custames ID,
     Name,
        WHEN Age BETWEEN 18 and 25 THEN YOUNG!
     CASE
        WHEN Age BETWEEN 26 and 45 THEN 'Adult'
        WHEN Age BETWEEN 46 ad 65 THEN 'niddle Age'
        Else Sevier
       END AS Age codepay
      FROM customes;
3. Exception Handling
      sorted procedure with exception Hardling
for insenting automer recordery.
```

CREATE OR REPLACE PROCEDURE Insert wutering (P- Chytanol ID IN INT, P. Name IN VARCHAR. PLAGE IN VAR CHAR. P-Phase IN VARGAR P-Enail IN VARMAR) ZZ BEGIN INSERT INTO customes (automos ID, none, Ask, phone, Email VALUES (P. CUSTORIES ID, P. None, P-ASIL, p-phase, p-enail); DBUS - OUTPUT-PUT-LINE (+ customer record Insorted successfully 1); EX CEPTION WHEN OTHERS THEN DBMS - OUTPUT . PUT-LINE ('ERCOR! 1139LEM) VEL TECH-CSE END ; 06 EX NO. PERFORMANCE (5) RESULT AND ANALYSIS (5) nya voce (5)

Resout: Thus, Implementation of Triggess, views and exceptions operations are executed and computed successfully.