**EX.NO:6 PROCEDURE AND FUNCTIONS**

**AIM :**

To write a SQL block to display the student name, marks whose average mark is above 60%.

**ALGORITHM**

STEP 1:Start

STEP 2:Create a table with table name stud\_exam

STEP 3:Insert the values into the table and Calculate total and average of each student

STEP 4: Execute the procedure function the student who get above 60%.

STEP 5: Display the total and average of student

STEP 6: End

**FUNCTIONS**

**AIM**

To write a Functional procedure to search an address from the given database.

**ALGORITHM:**

STEP 1: Start

STEP 2: Create the table with essential attributes.

STEP 3: Initialize the Function to carryout the searching procedure..

STEP 4: Frame the searching procedure for both positive and negative searching.

STEP 5: Execute the Function for both positive and negative result .

STEP 6: Stop

**EX.NO:7 DCL AND TCL COMMANDS**

**AIM**

To write a query to perform DCL and TCL commands.

**PROCEDURE**

Step 1: Start

Step 2: Create table with necessary attributes.

Step 3: Perform DCL query like GRANT and REVOKE

Step 4: Perform TCL like SAVEPOINT,ROLLBACK and COMMIT.

Step 5: Stop.

**EX.NO:8 CREATION OF DATABASE TRIGGERS**

**AIM**

To create database triggers using PL/SQL code

**PROCEDURE**

STEP 1: Creates a trigger for insertion of each row.

STEP 2: Declare a cursor which contains the roll number field

STEP 3: Before insertion check of the roll number already exists in the table

STEP 4: If it exists raise an application error and display “roll no exists”.

STEP 5: Else perform insertion