**Exercise – 5: PL/SQL Procedures**

**Aim:**

To create and execute a PL/SQL procedure that updates table data based on given conditions.

**Description:**

**PL/SQL Procedure:**

A procedure in PL/SQL is a named block of code that performs a specific task.

It helps in reusing the code, improves modularity, and simplifies database operations.

A procedure can accept parameters and execute SQL statements inside it.

Usage:

Procedures are used to perform repetitive tasks like inserting, updating, or deleting records in a table.

They help to encapsulate business logic and reduce redundancy.

**Syntax:**

**CREATE OR REPLACE PROCEDURE procedure\_name (parameters)**

**IS**

**-- local variables**

**BEGIN**

**-- SQL and PL/SQL statements**

**END;**

**DESC Command:**

The DESC command is used to display the structure of a table, including column names, data types, and constraints.

Usage:

It helps to quickly understand the table schema without querying metadata tables.

Syntax:

**DESC table\_name;**

**EXEC Command:**

The EXEC command is used to execute a PL/SQL procedure directly from the SQL prompt.

Usage:

It simplifies running procedures without writing explicit PL/SQL blocks.

Syntax:

**EXEC procedure\_name(parameters);**

**Result:**

The table creation, procedure creation, and execution commands were successfully executed.