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Group B
Assignment No. 9

- Aim :
Write and execute PL/SQL stored procedure and function to perform a suitable task on above DB.
- Problem Statement :
 - 1) PL/SQL assignments based on tables created
 - 2) Write simple PL/SQL programs to perform different operations on tables.
 - 3) Write trigger and execute it on a table.
- Objective
 - 1) To understand PL/SQL
 - 2) To understand the concept of procedures/Functions
- Theory :
 - Stored Procedure:
 - A stored procedure is a prepared SQL code that you can save, so the code can be reused over and over again.
 - You can also pass parameters to a stored procedure, so that the stored procedure can act based on parameter.
 - A stored procedure may contain control flow statements such as IF, CASE, and LOOP that allow you to implement the code in the procedural way.

Syntax :

DELIMITER \$\$

create procedure [procedure-name]

Begin

select

[statement]

from

[table-name]

END \$\$

DELIMITER ;

- Advantages :

- 1) Reduce network traffic
- 2) Centralize business logic in the database
- 3) Make database more secure

- Disadvantages :

- 1) More resource usage .
- 2) Difficult to troubleshoot .
- 3) Maintenances

Conclusion:

After implementing this assignment I understood the use of stored procedures and functions on DB.