Group B
Assignment No. 8

- Aim :
Write and execute PL/SQL block to implement all types of triggers on above DB.

- Problem Statement :
Write trigger and execute it on a table.
Write simple PL/SQL programs to perform different operations on tables.

- Objective :
To understand PL/SQL
To understand the concept of triggers, pl/sql block.

Theory :

- PL/SQL is a combination of SQL along with the procedural features of programming languages

- Triggers are stored programs, which are automatically executed or fired when some events occur. Triggers are executed in response to any DML, DDL or data operation.

- Triggers can be defined on the table, view, schema or database with which the event is associated.

Benefits of Triggers :

1) Generating some desired column values automatically
2) Enforcing referential integrity
3) Auditing
4) Synchronous operations
5) Preventing invalid transactions

Syntax :

create trigger [trigger-name] [before | after]
{ insert | update | delete } on [table-name] [for each row]
   [trigger - body]

- Conclusion:

By performing this assignment I understood PL/SQL and the implementation of triggers on database.