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Group B  
Assignment No. 11

33132

Aim:

Write DDL statements to create VIEWS on single and multiple tables from above DB.

Problem Statement:

- Write DDL statements to create VIEWS on single & multiple tables from above DB.
- Do the following operation to demonstrate the use of view:
  - Update the base table.
  - Insert new record in the base table.
  - Delete record in the base table.
  - DML on VIEW.

Objective:

- 1) To understand use of VIEWS
- 2) To understand implementation of different types of VIEWS.
- 3) To implement and analyze various operations on VIEWS.

Theory:

- Database view is known as a "virtual table" that allows you to query the data in it.
- Most database management systems, including MySQL, allow you to update data in the underlying tables through the database view with some prerequisites.



- Advantages :

- 1> Simplify complex queries
- 2> Limit data access to specific users.
- 3> Provides extra security layer
- 4> Enables computed columns
- 5> Enables backward compatibility

- Disadvantages :

- 1> Slow performance
- 2> Dependency

- Syntax :

create view ~~a~~ [db-name].[view-name] as [select statement]



### Conclusion :

By performing this assignment I understood the concept of PL/SQL Block by implementing all types of views on DB.