- 1. What is the difference between View and Table.
- 2. What is view? State the types of View.
- 3. What is the difference between Simple View and Complex View.

Table	View
A database object that stores data	A virtual table created based on
physically in rows and columns.	the result of a SQL query.
Stores data physically in the	Does not store data; it only stores
database.	the SQL query.
Data can be modified directly	Depends on the view type; some
insert, update, delete.	views may allow data modification.

## VIEW:

A View is a virtual table in a database that is the result of a stored SQL query. It is used to simplify complex queries, enhance security by limiting data access, and provide a simplified interface for users. Views are dynamically updated whenever the underlying data in the base tables changes.

## Types of Views:

## 1. Simple View:

- Based on a single table.
- o Does not include joins or aggregate functions.
- o Allows DML operations (INSERT, UPDATE, DELETE).

## 2. Complex View:

- Based on multiple tables or contains joins, aggregate functions, or subqueries.
- May not always allow DML operations depending on its structure.

Simple view	Complex view
Based on a single table	Based on multiple table
Does not include joins	Can include joins
Support INSERT, UPDATE, DELETE	May not support DML operations
faster	Slower