**Views in SQL**

* A view is a virtual table based on a sql query.
* It does not store data, it simplifies the execution of complex queries.
* Used for security, abstraction and convenience.

Example:

**CREATE VIEW** EmpDetails AS

SELECT EmpID, FIrstName, LastName, Dept

FROM employees

WHERE status = “Active”;

To see the view:

SELECT \* FROM EmpDetails;

For altering use **ALTER VIEW**

To remove or delete the view **DROP VIEW** EmpDetails

**Stored Procedure**

* A stored procedure is a group of SQL statements stored in the database.
* You can reuse, schedule or trigger them.
* It reduces repetitive tasks and is useful for business logic.

**Difference between Stored Procedure and Function.**

| Function | Stored Procedure |
| --- | --- |
| It always returns a single value. | It may or may not return a value. |
| It is used within SQL queries to compute and return a value. | It is used to perform actions like insert, update, delete data or call other procedures. |

Example:

**CREATE PROCEDURE** GetEmpByDept

DeptName VARCHAR(50)

**AS**

**BEGIN**

SELECT \* FROM employees

WHERE Dept =DeptName

**END**;