1. **What is the difference between stored procedure and stored functions?**
2. **What is the difference between IN and OUT Parameters in stored Procedure.**
3. **How a stored procedure and Stored function is being called or invoked?**

Stored Procedure	Stored Function
Used for executing a set of statements.	Used to compute and return a single value.
Does not return a value directly; may return via OUT parameters.	Must return a value using the RETURN statement.
Invoked using the CALL statement.	Invoked as part of an expression (e.g., SELECT).
Suitable for operations involving multiple steps or logic.	**Suitable for computations that return a single result.**

Key Differences:

1. **IN Parameter**: The procedure can read but cannot modify the value passed by the caller.
2. **OUT Parameter**: The procedure writes a value that can be retrieved by the caller.

Stored Procedure:

- **Syntax**:

  CALL procedure_name(parameter_list);

- Example:

  CALL calculate_salary(1001, @total_salary);

  Here, calculate_salary is a procedure, and the result is stored in the variable @total_salary.