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?**

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| **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.