Understanding CallableStatement Interface

- The **CallableStatement** interface is a part of the JDBC API, which is used for executing stored procedures and functions.

- **CallableStatement** object is created using the **prepareCall()** method of the **Connection** interface.

- As prepareCall() is a non-static method we need to access that method with Connection reference.

```
Connection con=DriverManager.getConnection("DBurl","Uname","Upwd");
CallableStatement cstm=con.prepareCall("{call Pro/Fun}");
```

Procedure Vs Function

Feature	Procedure	Function
Definition	It is a set of queries executed on database , which will not return any value after the execution	It is a set of queries executed on database , **which will return a value after the execution**
Purpose	Performs a specific task or series of tasks.	Computes a value based on inputs and returns it.
Return Value	Does not return a value.	Returns a value

Structure	create or replace procedure Proc_name (para_list) is
	begin
	  query1;
	  query2;
	...
	end;
	/
		create or replace function Func_name (para_list)return data_type as var data_type;
		begin
		  query1;
		  query2;
		....
		return var;
		end;
		/

Parameter Types	Supports IN, OUT, and INOUT parameters.	Supports IN parameters.