

LET'S START WITH SQL :)

Stored Procedures

Stored Procedure– These are programs that can perform specific tasks based on the stored query. It is basically a collection of pre-written SQL statements grouped together under a specific name.

Query: (to create a procedure)

```
CREATE PROCEDURE procedureName()  
BEGIN  
Query  
END;
```

Query: (to call the procedure)

```
CALL procedureName();
```

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Stored Procedures

Examples: Stored procedure without params

Query 1:

```
CREATE PROCEDURE getAllOrderDetails()  
BEGIN  
Select * from orders;  
END;
```

Query: (to call the procedure)
CALL getAllOrderDetails();

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Stored Procedures

Sometimes we encounter an issue in SQL workbench so we use delimiter there

Query 1:

```
DELIMITER /  
CREATE PROCEDURE getAllOrderDetails()  
BEGIN  
SELECT * FROM orders;  
END/  
DELIMITER ;
```

Query: (to call the procedure)

```
CALL getAllOrderDetails();
```

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Stored Procedures

Examples: Return the details of the order by id (Stored procedure with params)

Query 2:

```
CREATE PROCEDURE getAllOrderDetailsById(IN id int)
BEGIN
SELECT *FROM Orders WHERE id = id;
END;
```

Query: (to call the procedure)

```
CALL getAllOrderDetailsById(2);
```