```
mysql> DELIMITER //
mysql> CREATE PROCEDURE get_factorial(IN N INT)
    -> BEGIN
    ->  SET @@GLOBAL.max_sp_recursion_depth = 255;
    ->  SET @@session.max_sp_recursion_depth = 255;
    ->
    ->  CALL factorial_recursive (N, @factorial);
    ->
    ->  SELECT @factorial;
    -> END//
Query OK, 0 rows affected (0.03 sec)

mysql> DELIMITER//
ERROR:
DELIMITER must be followed by a 'delimiter' character or string
mysql> DELIMITER //
mysql> CREATE PROCEDURE factorial_recursive(IN N INT,OUT factorial INT)
    -> BEGIN
    ->  IF N = 1 THEN
    ->          SET factorial := 1;
    ->  ELSE
    ->          CALL factorial_recursive (N-1, factorial);
    ->          SET factorial := N * factorial;
    ->  END IF;
    -> END//
Query OK, 0 rows affected (0.01 sec)

mysql> DELIMITER ;
mysql> Call get_factorial(5);
+------------+
| @factorial |
+------------+
|        120 |
+------------+
1 row in set (0.05 sec)
```

```
mysql> select * from employee;
+------+---------+-------------+---------+--------+
| S_No | Name    | Designation | Branch  | salary |
+------+---------+-------------+---------+--------+
|    1 | Harish  | CEO         | America | 100000 |
|    2 | Kanishk | President   | Japan   | 750000 |
|    3 | Tamil   | Manager     | Chennai | 500000 |
|    4 | Abhinav | Account_Head | Africa  | 720000 |
+------+---------+-------------+---------+--------+
4 rows in set (0.03 sec)

mysql> delimiter //
mysql> create procedure great_sal(in n int)
    -> begin
    -> select * from employee
    -> where salary > n;
    -> end//
Query OK, 0 rows affected (0.05 sec)

mysql> call great_sal(650000);
    -> end//
+------+---------+-------------+-------+--------+
| S_No | Name    | Designation | Branch | salary |
+------+---------+-------------+-------+--------+
|    2 | Kanishk | President   | Japan  | 750000 |
|    4 | Abhinav | Account_Head | Africa | 720000 |
+------+---------+-------------+-------+--------+
2 rows in set (0.00 sec)
```