

Exp-17

HIGH LEVEL PROGRAMMING EXTENSIONS FUNCTION

```
| MySQL 8.0 Command Line Cli | + - |  
| ->      DECLARE sum INT;  
| ->      SET sum = a + b;  
| ->      SELECT CONCAT('Sum = ', sum) AS Result;  
| ->      END$$  
Query OK, 0 rows affected (0.02 sec)  
  
mysql>  
mysql> DELIMITER ;  
mysql>  
mysql> CALL AddNumbers(15, 25);  
+-----+  
| Result |  
+-----+  
| Sum = 40 |  
+-----+  
1 row in set (0.01 sec)  
  
Query OK, 0 rows affected (0.02 sec)  
  
mysql> DELIMITER $$  
mysql>  
mysql> CREATE FUNCTION GetSquare(num INT)  
    -> RETURNS INT  
    -> DETERMINISTIC  
    -> BEGIN  
    ->     RETURN num * num;  
    -> END$$  
Query OK, 0 rows affected (0.02 sec)  
  
mysql>  
mysql> DELIMITER ;  
mysql>  
mysql> SELECT GetSquare(6) AS SquareResult;  
+-----+  
| SquareResult |  
+-----+  
|          36 |  
+-----+  
1 row in set (0.02 sec)  
  
mysql> |  
  
| 33°C  
| Mostly sunny |  
| Search |  
| File |  
| Edit |  
| View |  
| Insert |  
| Update |  
| Delete |  
| Select |  
| Options |  
| Help |  
| Exit |  
|  |  
|  Search |  
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|  |  
| ENC |  
| IN |  
|  |  
|  |  
| 13:57 |  
| 08-10-2025 |
```