

Ex no : 17

High level programming extensions function

```
MySQL 8.0 Command Line Cli: x + v
Query OK, 0 rows affected (0.02 sec)

mysql> DELIMITER ;
mysql> SELECT CalculateSalary(1) AS EmployeeSalary;
+-----+
| EmployeeSalary |
+-----+
|          NULL  |
+-----+
1 row in set (0.01 sec)

mysql> DROP FUNCTION IF EXISTS CalculateSalary;
Query OK, 0 rows affected (0.04 sec)

mysql> DELIMITER $$
mysql> CREATE FUNCTION CalculateSalary(emp_id INT)
-> RETURNS INT
-> DETERMINISTIC
-> BEGIN
->     DECLARE emp_salary INT DEFAULT 0;
->
->     SELECT e.Salary
->     INTO emp_salary
->     FROM Employee AS e
->     WHERE e.EmpID = emp_id;
->
->     RETURN emp_salary;
-> END $$
Query OK, 0 rows affected (0.02 sec)

mysql> DELIMITER ;
mysql> SELECT CalculateSalary(1) AS EmployeeSalary;
+-----+
| EmployeeSalary |
+-----+
|          50000  |
+-----+
1 row in set (0.00 sec)

mysql>
```