

```
mysql> CREATE TABLE employee (  
-> id INT PRIMARY KEY,  
-> name VARCHAR(50),  
-> department VARCHAR(50),  
-> salary INT  
-> );  
Query OK, 0 rows affected (0.05 sec)
```

```
mysql>  
mysql> INSERT INTO employee (id, name, department, salary)  
-> VALUES (1, 'John Doe', 'Sales', 30000),  
-> (2, 'Jane Smith', 'Marketing', 40000),  
-> (3, 'Bob Johnson', 'Sales', 35000),  
-> (4, 'Mary Lee', 'IT', 50000),  
-> (5, 'Tom Jones', 'Marketing', 45000),  
-> (6, 'Samantha Lee', 'Sales', 40000),  
-> (7, 'Chris Brown', 'IT', 60000),  
-> (8, 'Sarah Miller', 'Marketing', 35000),  
-> (9, 'David Lee', 'Sales', 30000),  
-> (10, 'Emily Davis', 'IT', 55000),  
-> (11, 'Alex Johnson', 'Marketing', 45000),  
-> (12, 'Jacob Smith', 'Sales', 40000),  
-> (13, 'Maria Rodriguez', 'IT', 65000),  
-> (14, 'Andrew Lee', 'Marketing', 35000),  
-> (15, 'Jessica Brown', 'Sales', 30000),  
-> (16, 'Mark Davis', 'IT', 50000),  
-> (17, 'Olivia Johnson', 'Marketing', 45000),  
-> (18, 'Ethan Smith', 'Sales', 40000),  
-> (19, 'Sophia Rodriguez', 'IT', 60000),  
-> (20, 'Michael Lee', 'Marketing', 35000),  
-> (21, 'Isabella Brown', 'Sales', 30000),  
-> (22, 'William Davis', 'IT', 55000),  
-> (23, 'Ava Johnson', 'Marketing', 45000),  
-> (24, 'Liam Smith', 'Sales', 40000),  
-> (25, 'Emma Rodriguez', 'IT', 65000),  
-> (26, 'Noah Lee', 'Marketing', 35000),  
-> (27, 'Mia Brown', 'Sales', 30000),  
-> (28, 'James Davis', 'IT', 50000),  
-> (29, 'Abigail Johnson', 'Marketing', 45000),  
-> (30, 'Benjamin Smith', 'Sales', 40000);  
Query OK, 30 rows affected (0.01 sec)  
Records: 30 Duplicates: 0 Warnings: 0
```

```
mysql> DELIMITER $$
mysql> CREATE PROCEDURE print_employee_salaries()
-> BEGIN
->     DECLARE done INT DEFAULT FALSE;
->     DECLARE emp_name VARCHAR(50);
->     DECLARE emp_salary INT;
->     DECLARE cur CURSOR FOR SELECT name, salary FROM employee;
->     DECLARE CONTINUE HANDLER FOR NOT FOUND SET done = TRUE;
->
->     OPEN cur;
->
->     read_loop: LOOP
->         FETCH cur INTO emp_name, emp_salary;
->         IF done THEN
->             LEAVE read_loop;
->         END IF;
->
->         SELECT CONCAT(emp_name, ' earns ', emp_salary, ' per year.') AS message;
->     END LOOP;
->
->     CLOSE cur;
-> END$$
```

Query OK, 0 rows affected (0.14 sec)

```
mysql> DELIMITER ;
mysql> CALL print_employee_salaries();
```

message
John Doe earns 30000 per year.

1 row in set (0.01 sec)

message
Jane Smith earns 40000 per year.

1 row in set (0.02 sec)

message
Bob Johnson earns 35000 per year.

1 row in set (0.04 sec)

message
Mary Lee earns 50000 per year.