

Exp-14

SIMPLE PROGRAMMING USING REPEAT AND WHILE

```
mysql> USE company_db;
Database changed
mysql> CREATE TABLE IF NOT EXISTS Employee (
    ->     EmpID INT AUTO_INCREMENT PRIMARY KEY,
    ->     EmpName VARCHAR(180) NOT NULL,
    ->     DeptID INT NOT NULL
    -> );
Query OK, 0 rows affected (0.03 sec)

mysql>
mysql> DELIMITER //
mysql> CREATE PROCEDURE InsertEmployees()
-> BEGIN
->     DECLARE counter INT DEFAULT 1;
->     REPEAT
->         INSERT INTO Employee (EmpName, DeptID)
->             VALUES (CONCAT('Employee', counter), 1);
->         SET counter = counter + 1;
->     UNTIL counter > 5
->     END REPEAT;
-> END //
Query OK, 0 rows affected (0.05 sec)

mysql> DELIMITER ;
mysql>
mysql> CALL InsertEmployees();
Query OK, 1 row affected (0.04 sec)

mysql>
mysql> SELECT * FROM Employee;
+-----+-----+
| EmpID | EmpName | DeptID |
+-----+-----+
| 1 | Employee1 | 1 |
| 2 | Employee2 | 1 |
| 3 | Employee3 | 1 |
| 4 | Employee4 | 1 |
| 5 | Employee5 | 1 |
+-----+-----+
5 rows in set (0.00 sec)
```

```
mysql> DELIMITER //
mysql> CREATE PROCEDURE InsertEmployeesWHILE()
-> BEGIN
->     DECLARE counter INT DEFAULT 1;
->     WHILE counter <= 5 DO
->         INSERT INTO Employee (EmpName, DeptID)
->             VALUES (CONCAT('Employee', counter), 2);
->         SET counter = counter + 1;
->     END WHILE;
-> END //
Query OK, 0 rows affected (0.01 sec)

mysql> DELIMITER ;
mysql>
mysql> CALL INSERTEMPLOYEESWHILE();
Query OK, 1 row affected (0.02 sec)

mysql> SELECT * FROM EMPLOYEE;
+-----+-----+
| EmpID | EmpName | DeptID |
+-----+-----+
| 1 | Employee1 | 1 |
| 2 | Employee2 | 1 |
| 3 | Employee3 | 1 |
| 4 | Employee4 | 1 |
| 5 | Employee5 | 1 |
| 6 | Employee1 | 1 |
| 7 | Employee2 | 1 |
| 8 | Employee3 | 1 |
| 9 | Employee4 | 1 |
| 10 | Employee5 | 1 |
| 11 | Employee1 | 2 |
| 12 | Employee2 | 2 |
| 13 | Employee3 | 2 |
| 14 | Employee4 | 2 |
| 15 | Employee5 | 2 |
+-----+-----+
15 rows in set (0.00 sec)
```