mysql> CREATE DATABASE DEPART;

Query OK, 1 row affected (0.04 sec)

mysql> USE DEPART

Database changed

mysql> CREATE TABLE Employee (

-> EmpID INT PRIMARY KEY,

-> EmpName VARCHAR(50),

-> Salary INT

-> );

Query OK, 0 rows affected (0.06 sec)

mysql> INSERT INTO Employee (EmpID, EmpName, Salary) VALUES

-> (1, 'John', 5000),

-> (2, 'Alice', 6000),

-> (3, 'Bob', 4000),

-> (4, 'David', 5500),

-> (5, 'Emma', 4500);

Query OK, 5 rows affected (0.03 sec)

Records: 5 Duplicates: 0 Warnings: 0

mysql> DECLARE employee\_cursor CURSOR FOR SELECT EmpName FROM Employee;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'DECLARE employee\_cursor CURSOR FOR SELECT EmpName FROM Employee' at line 1

mysql> DELIMITER $$

mysql>

mysql> CREATE PROCEDURE DisplayEmployeeNames()

-> BEGIN

-> DECLARE done INT DEFAULT 0;

-> DECLARE emp\_name VARCHAR(50);

->

-> DECLARE employee\_cursor CURSOR FOR SELECT EmpName FROM Employee;

-> DECLARE CONTINUE HANDLER FOR NOT FOUND SET done = 1;

->

-> OPEN employee\_cursor;

->

-> read\_loop: LOOP

-> FETCH employee\_cursor INTO emp\_name;

-> IF done THEN

-> LEAVE read\_loop;

-> END IF;

->

-> SELECT emp\_name;

-> END LOOP;

->

-> CLOSE employee\_cursor;

-> END$$

Query OK, 0 rows affected (0.04 sec)

mysql>

mysql> DELIMITER ;

mysql> CALL DisplayEmployeeNames();

+----------+

| emp\_name |

+----------+

| John |

+----------+

1 row in set (0.00 sec)

+----------+

| emp\_name |

+----------+

| Alice |

+----------+

1 row in set (0.01 sec)

+----------+

| emp\_name |

+----------+

| Bob |

+----------+

1 row in set (0.01 sec)

+----------+

| emp\_name |

+----------+

| David |

+----------+

1 row in set (0.01 sec)

+----------+

| emp\_name |

+----------+

| Emma |

+----------+

1 row in set (0.01 sec)

Query OK, 0 rows affected (0.02 sec)

mysql>

mysql>