

EX. No. 14

Simple Programming using REPEAT and WHILE

Output:

```
MySQL 8.0 Command Line CH x
mysql> DELIMITER $$
mysql> CREATE PROCEDURE WhileExample()
--> BEGIN
--> DECLARE counter INT DEFAULT 1;
-->
--> WHILE counter <= 5 DO
--> SELECT counter AS Number;
--> SET counter = counter + 1;
--> END WHILE;
--> END$$
Query OK, 0 rows affected (0.01 sec)

mysql> DELIMITER ;
mysql> call whileexample();
+-----+
| Number |
+-----+
| 1 |
+-----+
1 row in set (0.02 sec)

+-----+
| Number |
+-----+
| 2 |
+-----+
1 row in set (0.03 sec)

+-----+
| Number |
+-----+
| 3 |
+-----+
1 row in set (0.03 sec)

+-----+
| Number |
+-----+
| 4 |
```

```
MySQL 8.0 Command Line CH x
+-----+
| Number |
+-----+
| 4 |
+-----+
1 row in set (0.03 sec)

+-----+
| Number |
+-----+
| 5 |
+-----+
1 row in set (0.03 sec)

Query OK, 0 rows affected (0.04 sec)

mysql> DELIMITER $$
mysql> CREATE PROCEDURE RepeatExample()
--> BEGIN
--> DECLARE counter INT DEFAULT 1;
-->
--> REPEAT
--> SELECT counter AS Number;
--> SET counter = counter + 1;
--> UNTIL counter > 5
--> END REPEAT;
--> END$$
Query OK, 0 rows affected (0.01 sec)

mysql> DELIMITER ;
mysql> call repeatexample();
+-----+
| Number |
+-----+
| 1 |
+-----+
1 row in set (0.00 sec)

+-----+
```