

```
mysql> CREATE PROCEDURE test_mysql_while_loop()
-> BEGIN
->   DECLARE x  INT;
->   DECLARE str  VARCHAR(255);
->
->   SET x = 1;
->   SET str = '';
->
->   WHILE x  <= 5 DO
->     SET str = CONCAT(str,x,',');
->     SET x = x + 1;
->   END WHILE;
->
->   SELECT str;
-> END
-> //
```

Query OK, 0 rows affected (0.00 sec)

```
mysql> CALL test_mysql_while_loop() //
+-----+
| str      |
+-----+
| 1,2,3,4,5, |
+-----+
1 row in set (0.00 sec)
```

Query OK, 0 rows affected (0.00 sec)

```
mysql> CREATE PROCEDURE dorepeat(p1 INT) BEGIN SET @x=0; REPEAT SET @x=@x+1; UNT  
IL @x>p1 END REPEAT; END//  
Query OK, 0 rows affected (0.01 sec)

mysql> CALL dorepeat(4001) //  
Query OK, 0 rows affected (0.03 sec)

mysql> SELECT @x;  
-> //  
+-----+  
| @x   |  
+-----+  
| 4002 |  
+-----+  
1 row in set (0.00 sec)
```