

```
mysql> # parameter mode: inout
mysql>
mysql> delimiter //
mysql> create procedure mathCal (in m int, in n int, out x int, out y int, inout z int)
-> begin
-> declare num1 int default 0;
-> declare num2 int default 0;
-> declare num3 int default 0;
-> while num1 < m do
-> while num2 < n do
-> set num2 = num2 + 1;
-> set num3 = num3 + 1;
-> end while;
-> set num1 = num1 + 1;
-> set num2 = 0;
-> end while;
-> set x = num1, y = num3;
-> set z = x + y + z;
-> select x, y, z;
-> end//
```

Query OK, 0 rows affected (0.18 sec)

```
mysql> delimiter ;
mysql>
mysql> set @z = 30;
Query OK, 0 rows affected (0.00 sec)
```

```
mysql> call mathCal (10, 20, @x, @y, @z);
```

```
+-----+-----+-----+
| x     | y     | z     |
+-----+-----+-----+
| 10    | 200   | 240   |
+-----+-----+-----+
1 row in set (0.00 sec)
```

Query OK, 0 rows affected (0.00 sec)

```
mysql> set @z = -20;
Query OK, 0 rows affected (0.00 sec)
```

```
mysql> call mathCal(-5, 7, @x, @y, @z);
```

```
+-----+-----+-----+
| x     | y     | z     |
+-----+-----+-----+
| 0     | 0     | -20   |
+-----+-----+-----+
1 row in set (0.01 sec)
```

Query OK, 0 rows affected (0.01 sec)

```
mysql> █
```