

# Repeating Rows in MySQL and MariaDB

You might come across a need to repeat a row a set number of times in your SQL. There's an easy way to do this but you first need to create a `numbers` table with just one column which is a count starting at 1 and up to whatever number you need. For this example I'll use 10, purely to save space but you would just increase this to any suitable value.

```
CREATE TABLE `numbers` (  
  `count` int(2) DEFAULT NULL  
) ENGINE=InnoDB DEFAULT CHARSET=utf8;  
BEGIN;  
INSERT INTO `numbers` VALUES (1);  
INSERT INTO `numbers` VALUES (2);  
INSERT INTO `numbers` VALUES (3);  
INSERT INTO `numbers` VALUES (4);  
INSERT INTO `numbers` VALUES (5);  
INSERT INTO `numbers` VALUES (6);  
INSERT INTO `numbers` VALUES (7);  
INSERT INTO `numbers` VALUES (8);  
INSERT INTO `numbers` VALUES (9);  
INSERT INTO `numbers` VALUES (10);  
COMMIT;
```

Now we have a table we can join our rows against up to the count stored in the `numbers` table. Let's take a trivial example. Say I want to repeat the rows for a user in the `user` table 10 times. Here's how you would do this:

```
select *  
from mdl_user u join numbers n  
on n.count <= 10
```

```
where u.id = 2;
```

This will repeat the same row in the `user` table for the user with `id` equals `2` 10 times.

---

Revision #1

Created Tue, Nov 3, 2020 5:49 AM by [Moodle Wiki](#)

Updated Tue, Nov 3, 2020 5:55 AM by [Moodle Wiki](#)