

```
mysql> delimiter $$
mysql> create procedure fetchcategorynames()
-> begin
-> declare catname varchar(50);
-> declare finished int default 0;
-> declare catcursor cursor for select name from categories;
-> declare continue handler for not found set finished=1;
-> open catcursor;
-> read_loop: LOOP
-> fetch catcursor into catname;
-> if finished then
-> leave read_loop;
-> end if;
-> select catname AS category_name;
-> end LOOP;
-> close catcursor;
-> end $$
```

Query OK, 0 rows affected (0.07 sec)

```
mysql> call fetchcategorynames();
->
```

^C

```
mysql> delimiter ;
mysql> call fetchcategorynames();
```

```
+-----+
| category_name |
+-----+
| Phones       |
+-----+
1 row in set (0.00 sec)
```

```
+-----+
| category_name |
+-----+
| laptops      |
+-----+
1 row in set (0.00 sec)
```

category_name
consoles

1 row in set (0.00 sec)

category_name
iphones

1 row in set (0.00 sec)

category_name
windows

1 row in set (0.00 sec)

category_name
xbox

1 row in set (0.00 sec)

category_name
MAC x

1 row in set (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

mysql> █