

1. Write a stored procedure to paginate the data that comes out of a query

```
CREATE DEFINER=`root`@`localhost` PROCEDURE `myprocedure`(IN pagenumber integer, IN noofpages integer )  
  
BEGIN  
  
DECLARE x INT DEFAULT 1;  
  
set x=noofpages*(pagenumber-1);  
  
select * from employee limit x, noofpages;  
  
END  
  
call myprocedure(3,8);
```

Stored
procedure with
two parameters
pagenumber &
noofpages

The screenshot shows a MySQL IDE interface. At the top, the 'Name' field is set to 'myprocedure'. Below it, the 'DDL' field contains the following SQL code:

```
1 CREATE DEFINER=`root`@`localhost` PROCEDURE `myprocedure`(IN pagenumber integer,IN noofpages integer )  
2 BEGIN  
3 DECLARE x INT DEFAULT 1;  
4  
5 set x=noofpages*(pagenumber-1);  
6  
7 select * from employee limit x,noofpages;  
8 END
```

Below the DDL field, there are 'Apply' and 'Revert' buttons. The 'Output' section at the bottom shows a table with the following data:

#	Time	Action	Message
113	15:16:20	call myprocedure(1,10)	10 row(s) returned
114	15:17:17	call myprocedure(3,10)	10 row(s) returned
115	15:18:21	call myprocedure(3,7)	7 row(s) returned
116	15:18:35	call myprocedure(6,8)	8 row(s) returned
117	15:19:23	call myprocedure(1,8)	8 row(s) returned
118	15:19:33	call myprocedure(2,8)	8 row(s) returned

se Server Tools Scripting Help

emp* myprocedure - Routine

Limit to 1000 rows

```

63 • insert into employee (eid,first_name,last_name)values(68,"saabh" ,"singh");
64 • insert into employee (eid,first_name,last_name)values(69,"adst" ,"jain");
65 • insert into employee (eid,first_name,last_name)values(70,"aefdt" ,"k");
66 • insert into employee (eid,first_name,last_name)values(71,"kidfk" ,"h");
67 • insert into employee (eid,first_name,last_name)values(72,"sbdfh" ,"singh");
68 • select * from employee;
69 • call myprocedure(3,8);

```

Result Grid Filter Rows: Export: Wrap Cell Contents:

eid	first_name	last_name
17	akshat	jain
18	abhijeet	k
19	karthik	h
20	saurabh	singh
21	at	jain
22	aet	k
23	kkk	h
24	sbh	singh

output for the value passed

Result 38 x Read Only

Output

Action Output

#	Time	Action	Message
✓ 115	15:18:21	call myprocedure(3,7)	7 row(s) returned
✓ 116	15:18:35	call myprocedure(6,8)	8 row(s) returned
✓ 117	15:19:23	call myprocedure(1,8)	8 row(s) returned
✓ 118	15:19:33	call myprocedure(2,8)	8 row(s) returned
✓ 119	15:22:03	call myprocedure(0,8)	0 row(s) returned
✓ 120	15:22:30	call myprocedure(3,8)	8 row(s) returned

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emp* myprocedure - Routine

Name: myprocedure The name of the routine is parsed automatically from the DDL statement. The DDL is parsed automatically while you type.

DDL:

```

1 • CREATE DEFINER='root'@'localhost' PROCEDURE `myprocedure` (IN pagenumber integer,IN noofpages integer )
2 • BEGIN
3 • DECLARE x INT DEFAULT 1;
4 •
5 • set x=noofpages*(pagenumber-1);
6 •
7 • select * from employee limit x,noofpages;
8 • END

```

Output on various input

Routine Apply Revert

Output

Action Output

#	Time	Action	Message
✓ 114	15:17:17	call myprocedure(3,10)	10 row(s) returned
✓ 115	15:18:21	call myprocedure(3,7)	7 row(s) returned
✓ 116	15:18:35	call myprocedure(6,8)	8 row(s) returned
✓ 117	15:19:23	call myprocedure(1,8)	8 row(s) returned
✓ 118	15:19:33	call myprocedure(2,8)	8 row(s) returned
✓ 119	15:22:03	call myprocedure(0,8)	0 row(s) returned

