

MySQL Workbench

Local instance MySQL80 x

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

- hometask_4
- hometask_5
 - Tables
 - Views
 - Stored Procedures
 - Functions
- hometask_6
 - Tables
 - Views
 - Stored Procedures
 - Functions
- lesson_1
- lesson_2
- lesson_4
 - Tables
 - Views
 - Stored Procedures
 - Functions
- lesson_5

Administration Schemas

Information

No object selected

Object Info Session

Hometask_6* x SQL File 3*

Limit to 1000 rows

```
1 • USE hometask_6;
2 DELIMITER $$
3 • CREATE PROCEDURE times(seconds INT)
4 BEGIN
5     DECLARE days INT default 0;
6     DECLARE hours INT default 0;
7     DECLARE minutes INT default 0;
8
9     WHILE seconds >= 86400 DO
10         SET days = floor(seconds / 86400);
11         SET seconds = seconds % 86400;
12     END WHILE;
13
14     WHILE seconds >= 3600 DO
15         SET hours = floor(seconds / 3600);
16         SET seconds = seconds % 3600;
17     END WHILE;
18
19     WHILE seconds >= 60 DO
20         SET minutes = floor(seconds / 60);
21         SET seconds = seconds % 60;
22     END WHILE;
23
24     SELECT days, hours, minutes, seconds;
25 END $$
26 DELIMITER ;
27
28 • CALL times(125912);
29
```

Output

21:45 14.05.2023

MySQL Workbench

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File Edit View Query Database Server Tools Scripting Help

Navigator: Hometask_6* x SQL File 3*

SCHEMAS

Filter objects

- hometask_4
- hometask_5
 - Tables
 - Views
 - Stored Procedures
 - Functions
- hometask_6**
 - Tables
 - Views
 - Stored Procedures
 - numbers
 - Functions
- lesson_1
- lesson_2
- lesson_4
 - Tables
 - Views
 - Stored Procedures
 - Functions
- lesson_5

Administration Schemas

Information

No object selected

```
41 */
42
43 DELIMITER $$
44 CREATE PROCEDURE numbers()
45 BEGIN
46     DECLARE n INT default 0;
47     DROP TABLE IF EXISTS nums;
48     CREATE TABLE nums (n INT);
49
50     WHILE n < 10 DO
51         SET n = n + 2;
52         INSERT INTO nums VALUES(n);
53     END WHILE;
54
55     SELECT * FROM nums;
56 END $$
57 DELIMITER ;
58
59 CALL numbers();
60
61
```

Result Grid

n
2
4
6
8
10

Result 35 x

Output

Object Info Session

21:48 14.05.2023