

Домашнее задание

1. Создайте функцию, которая принимает кол-во сек и форматирует их в кол-во дней, часов, минут и секунд.

Пример: 123456 -> '1 days 10 hours 17 minutes 36 seconds '

2. Выведите только четные числа от 1 до 10 включительно.

Пример: 2,4,6,8,10 (можно сделать через шаг + 2: $x = 2$, $x += 2$)



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MySQL 8.0 Command Line Client
mysql> USE seminar6;
Database changed
mysql> DELIMITER $$
mysql> CREATE FUNCTION format_seconds(seconds INT)
  -> RETURNS VARCHAR(50)
  -> DETERMINISTIC
  -> BEGIN
  -> DECLARE days INT default 0;
  -> DECLARE hours INT default 0;
  -> DECLARE minutes INT default 0;
  -> DECLARE result VARCHAR(50) default '';
  -> WHILE seconds >= 86400 DO
  -> SET days = seconds / 86400;
  -> SET seconds = seconds % 86400;
  -> END WHILE;
  -> WHILE seconds >= 3600 DO
  -> SET hours = seconds / 3600;
  -> SET seconds = seconds % 3600;
  -> END WHILE;
  -> WHILE seconds >= 60 DO
  -> SET minutes = seconds / 60;
  -> SET seconds = seconds % 60;
  -> END WHILE;
  -> SET result = CONCAT(days, ' days ', hours, ' hours ', minutes, ' minutes ', seconds, ' seconds');
  -> RETURN result;
  -> END $$
Query OK, 0 rows affected (0.08 sec)

mysql> DELIMITER ;
mysql> SELECT format_seconds(123456);
+-----+
| format_seconds(123456) |
+-----+
| 1 days 10 hours 18 minutes 36 seconds |
+-----+
1 row in set (0.01 sec)

mysql>
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```
MySQL 8.0 Command Line Client
mysql> DELIMITER $$
mysql> CREATE PROCEDURE get_even_numbers()
-> BEGIN
-> DECLARE x INT DEFAULT 2;
-> WHILE x <= 10 DO
-> SELECT x;
-> SET x = x + 2;
-> END WHILE;
-> END$$
Query OK, 0 rows affected (0.08 sec)

mysql> DELIMITER ;
mysql> CALL get_even_numbers();
+----+
| x  |
+----+
|  2 |
+----+
1 row in set (0.00 sec)

+----+
| x  |
+----+
|  4 |
+----+
1 row in set (0.01 sec)

+----+
| x  |
+----+
|  6 |
+----+
1 row in set (0.01 sec)

+----+
| x  |
+----+
|  8 |
+----+
1 row in set (0.02 sec)

+----+
| x  |
+----+
| 10 |
+----+
1 row in set (0.03 sec)

Query OK, 0 rows affected (0.03 sec)
```