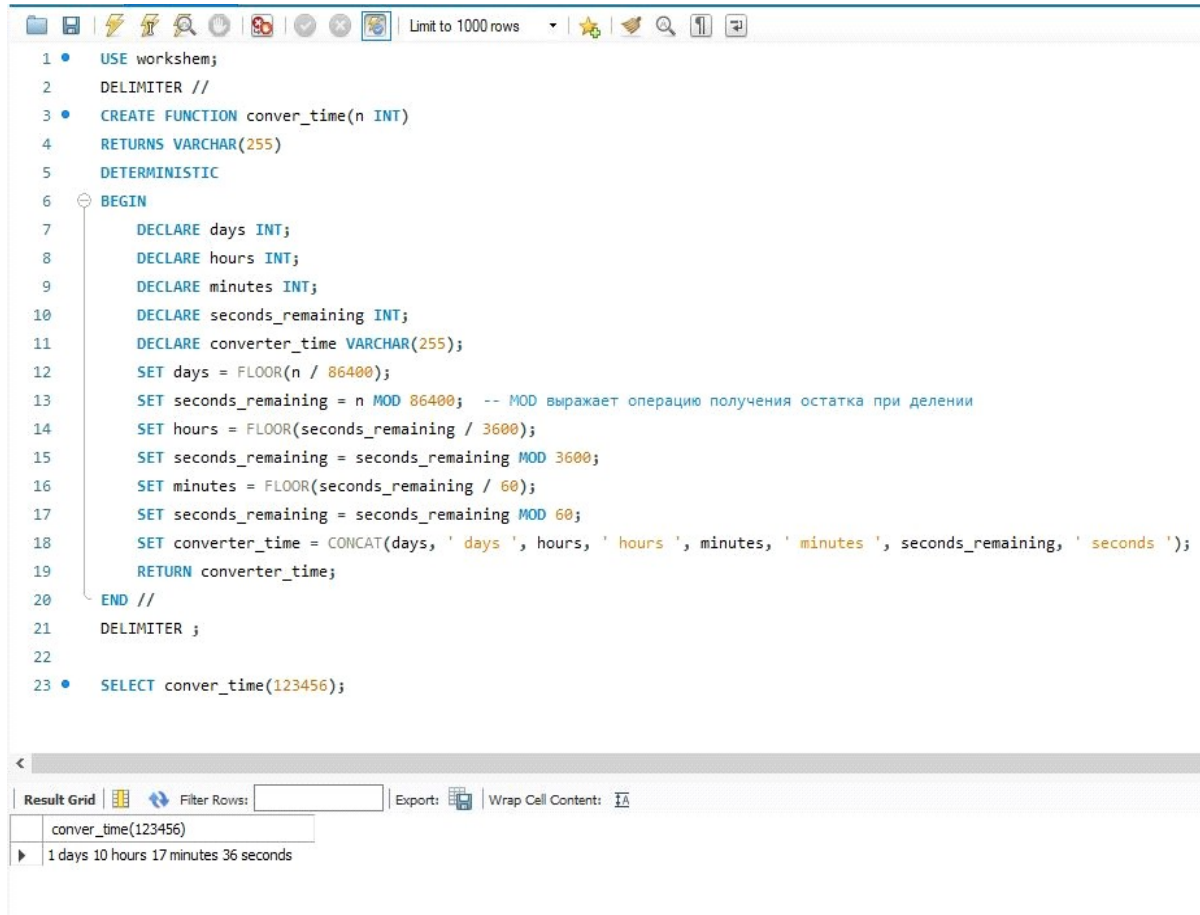


Домашняя работа №6

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 '



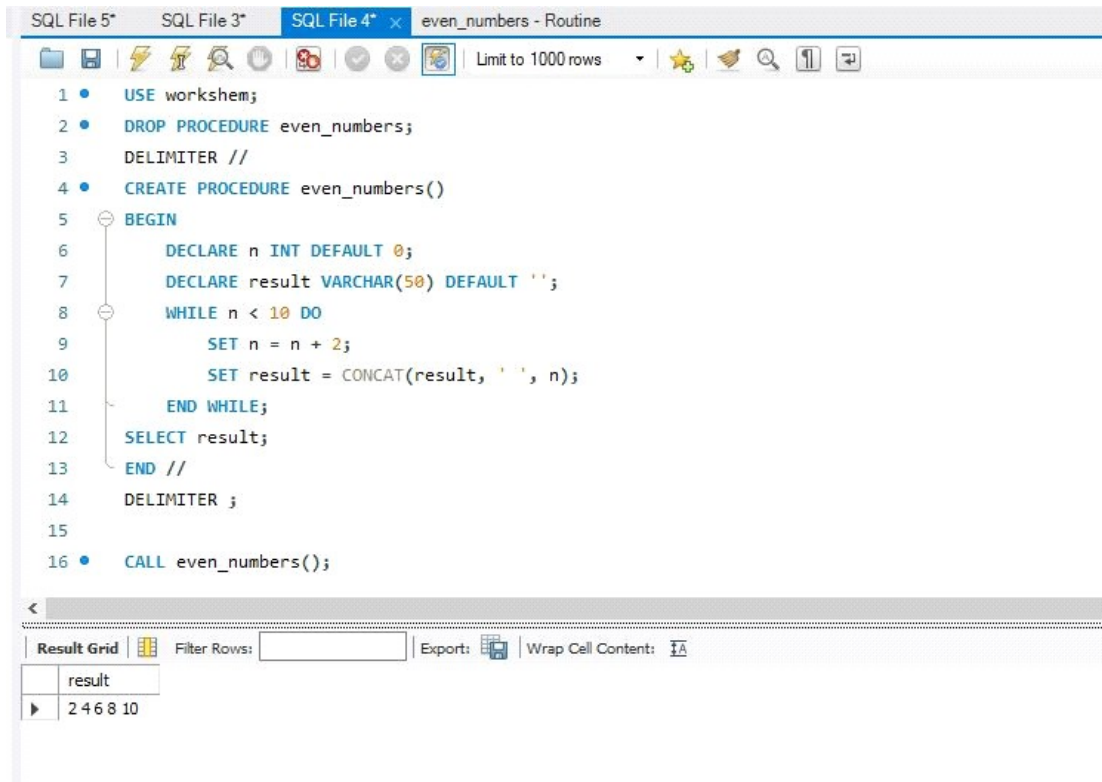
The screenshot shows a SQL IDE interface with a script editor and a results grid. The script defines a function `conver_time` that takes an integer `n` and returns a formatted string. The function uses `FLOOR` and `MOD` to calculate the number of days, hours, minutes, and seconds from the input seconds. The results grid shows the output of the function for the input 123456.

```
1 • USE workshem;
2 DELIMITER //
3 • CREATE FUNCTION conver_time(n INT)
4 RETURNS VARCHAR(255)
5 DETERMINISTIC
6 BEGIN
7     DECLARE days INT;
8     DECLARE hours INT;
9     DECLARE minutes INT;
10    DECLARE seconds_remaining INT;
11    DECLARE converter_time VARCHAR(255);
12    SET days = FLOOR(n / 86400);
13    SET seconds_remaining = n MOD 86400; -- MOD выражает операцию получения остатка при делении
14    SET hours = FLOOR(seconds_remaining / 3600);
15    SET seconds_remaining = seconds_remaining MOD 3600;
16    SET minutes = FLOOR(seconds_remaining / 60);
17    SET seconds_remaining = seconds_remaining MOD 60;
18    SET converter_time = CONCAT(days, ' days ', hours, ' hours ', minutes, ' minutes ', seconds_remaining, ' seconds ');
19    RETURN converter_time;
20 END //
21 DELIMITER ;
22
23 • SELECT conver_time(123456);
```

conver_time(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: $x = 2$, $x+=2$)



The screenshot shows a SQL IDE window titled "SQL File 4*" with a sub-tab "even_numbers - Routine". The SQL code is as follows:

```
1 • USE workshem;
2 • DROP PROCEDURE even_numbers;
3 DELIMITER //
4 • CREATE PROCEDURE even_numbers()
5 BEGIN
6     DECLARE n INT DEFAULT 0;
7     DECLARE result VARCHAR(50) DEFAULT '';
8     WHILE n < 10 DO
9         SET n = n + 2;
10        SET result = CONCAT(result, ' ', n);
11    END WHILE;
12    SELECT result;
13 END //
14 DELIMITER ;
15
16 • CALL even_numbers();
```

Below the code editor, the "Result Grid" is visible, showing the output of the query:

result
2 4 6 8 10