Question:

Today's Question:
The Grinch tracked his weight every day in December to analyze how it changed daily. Write a query to return the weight change (in pounds) for each day, calculated as the difference from the previous day's weight.

Table name: grinch_weight_log

log_id	day_of_month	weight
1	1	250
2	2	248
3	3	249
4	4	247
5	5	246
6	6	248

Question level of difficulty: Medium 😈😈😈

SQL Query:

```sql
/*SELECT g1.day_of_month,
    (g1.weight - g2.weight) AS weight_change
FROM grinch_weight_log g1
LEFT JOIN
grinch_weight_log g2
ON
g1.day_of_month = g2.day_of_month + 1
ORDER BY g1.day_of_month; */

SELECT
    day_of_month,
    weight - LAG(weight) OVER (ORDER BY day_of_month) AS weight_change
FROM
    grinch_weight_log
ORDER BY
    day_of_month;
```

Output:

DAY_OF_MONTH	WEIGHT_CHANGE
1	
2	-2
3	1
4	-2
5	-1
6	2

Correct!! 🎉 Great work!