SQL LEETCODE PROBLEMS

QUESTION 3

Find Employee Median Salary By Company

-- Mayuri D.

Data--

```
10        -- find median salary of each company
11
12 ●      SELECT * FROM employee;
```

emp_id	company	salary
1	A	2341
2	A	341
3	A	15
4	A	15314
5	A	451
6	A	513
7	B	15
8	B	13
9	B	1154
10	B	1345
11	B	1221
12	B	234
13	C	2345
14	C	2645
15	C	2645
16	C	2652
17	C	65

Result Grid | Filter Rows: | Export:

```sql
14 •     SELECT company, AVG(salary) AS cmp_salary
15       FROM
16     ⊖ (
17           SELECT *,
18           ROW_NUMBER() OVER(PARTITION BY company ORDER BY salary) AS rn,
19           COUNT(1) OVER (PARTITION BY company) AS total_cnt
20           FROM employee
21       ) emp
22       WHERE rn BETWEEN total_cnt*1.0/2 AND total_cnt*1.0/2+1
23       GROUP BY company;
```

| Result Grid | | Filter Rows: | | Export: | Wrap Cell Content: |

	company	cmp_salary
▶	A	482.0000
	B	694.0000
	C	2645.0000

THANK YOU

-- Mayuri D.