S02-L02 How to write a beautiful query?

Not nice, very messy and hardly maintainable:

```
select
        e.id, concat(e.first_name, ' ', e.last_name) AS employee_full_name,
e.first name, d.id AS department id, d.name AS last department name
from employee e
inner join ( select der.employee_id, max(der.id) AS max id
        from department employee rel der
        where der.deleted flag = 0
        group by der.employee id
) derm ON derm.employee id = e.id
inner join department employee rel der ON der.id = derm.max id
        and der.deleted flag = 0
inner join department d ON d.id = der.department_id
        and d.deleted flag = 0
where e.id IN (10010, 10040, 10050, 91050, 205357)
        and e.deleted flag = 0
limit 100;
```

Much better:

```
GROUP BY
                `department employee rel`.`employee id`
) `department_employee_rel_max` ON 1=1
        AND `department employee rel max`.`employee id` = `employee`.`id`
INNER JOIN `sample_staff`.`department_employee_rel` ON 1=1
        AND `department_employee_rel`.`id` =
`department employee rel max`.`max id`
       AND `department_employee_rel`.`deleted_flag` = 0 /* Make sure to
exclude deleted entities */
INNER JOIN `sample staff`.`department` ON 1=1
       AND `department`.`id` = `department_employee_rel`.`department_id`
        AND `department`.`deleted flag` = 0 /* Make sure to exclude deleted
entities */
WHERE 1=1
       AND `employee`.`id` IN (10010, 10040, 10050, 91050, 205357) /* A list
of employee id's */
       AND `employee`.`deleted flag` = 0 /* Make sure to exclude deleted
entities */
LIMIT 100
;
```

Simple rules to start with:

- Use inline comments
- Use tabs instead of spaces
- Use 1=1
- Split column names to new lines
- Add empty lines for complex queries
- Do not shorten table name aliases
- Use the backtick (`) before and after table & column names