-- use hyfOlha;

-- show tables;

-- describe task;

-- select name from user where name like 'A%'; -- '\_%a%', '%a%'

-- select \* from status;

-- select \* from task where user\_id is null -- limit 5 --order by name DESC

-- select sum(id) from user; -- min, max, count(without null), avg, sum

-- select id, title, status\_id from task;

-- select status\_id, count(id) from task group by status\_id;

-- select status\_id, count(id) As myCount from task where user\_id is not null group by status\_id having myCount < 10;

-- select title, user\_id, name from task inner join user on task.user\_id = user\_id;

-- select task.title, user.name, status.name from status inner join task on task.status\_id = status.id inner join user on task.user\_id = user.id;

-- find all users that have more than two tasks

-- select task.user\_id, count(task.id) as myCount from task group by user\_id Having myCount > 2;

--

-- select user.name, task.user\_id, count(task.id) as myCount from task inner join user on task.user\_id = user.id group by user\_id having myCount > 2;

-- select user.name, task.user\_id, count(task.id) as myCount from task, user where task.user\_id = user.id group by user\_id having myCount > 2;

-- select user.name, task.title from user left join task on task.user\_id = user.id;

-- select user.name, task.title from user right join task on task.user\_id = user.id;

- Homework

-- 1 Find out how many tasks are in the task table

SELECT count(id)

FROM task;

-- 2 Find out how many tasks in the task table do not have a valid due date

SELECT count(id)

FROM task

WHERE due\_date IS NULL;

-- 3 Find all the tasks that are marked as done

SELECT \*

FROM task

WHERE status\_id=3;

-- 4 Find all the tasks that are not marked as done

SELECT \*

FROM task

WHERE NOT status\_id = 3;

-- 5 Get all the tasks, sorted with the most recently created first

SELECT \*

FROM task

ORDER BY created DESC;

-- 6 Get the single most recently created task

SELECT \*

FROM task

ORDER BY created DESC LIMIT 1;

-- 7 Get the title and due date of all tasks where the title or description contains database

SELECT \*

FROM task

WHERE title LIKE '%database%' OR description LIKE '%database%';

-- 8 Get the title and status (as text) of all tasks

SELECT task.title, status.name

FROM task

INNER JOIN status ON task.status\_id = status.id ;

-- 9 Get the name of each status, along with a count of how many tasks have that status

SELECT status.name, count(\*) AS amount

FROM task

INNER JOIN status ON task.status\_id = status.id

GROUP BY task.status\_id;

-- 10 Get the names of all statuses, sorted by the status with most tasks first

SELECT status.name, count(\*) AS amount

FROM task

INNER JOIN status ON task.status\_id = status.id

GROUP BY task.status\_id

ORDER BY AMOUNT DESC;