

aggregate functions

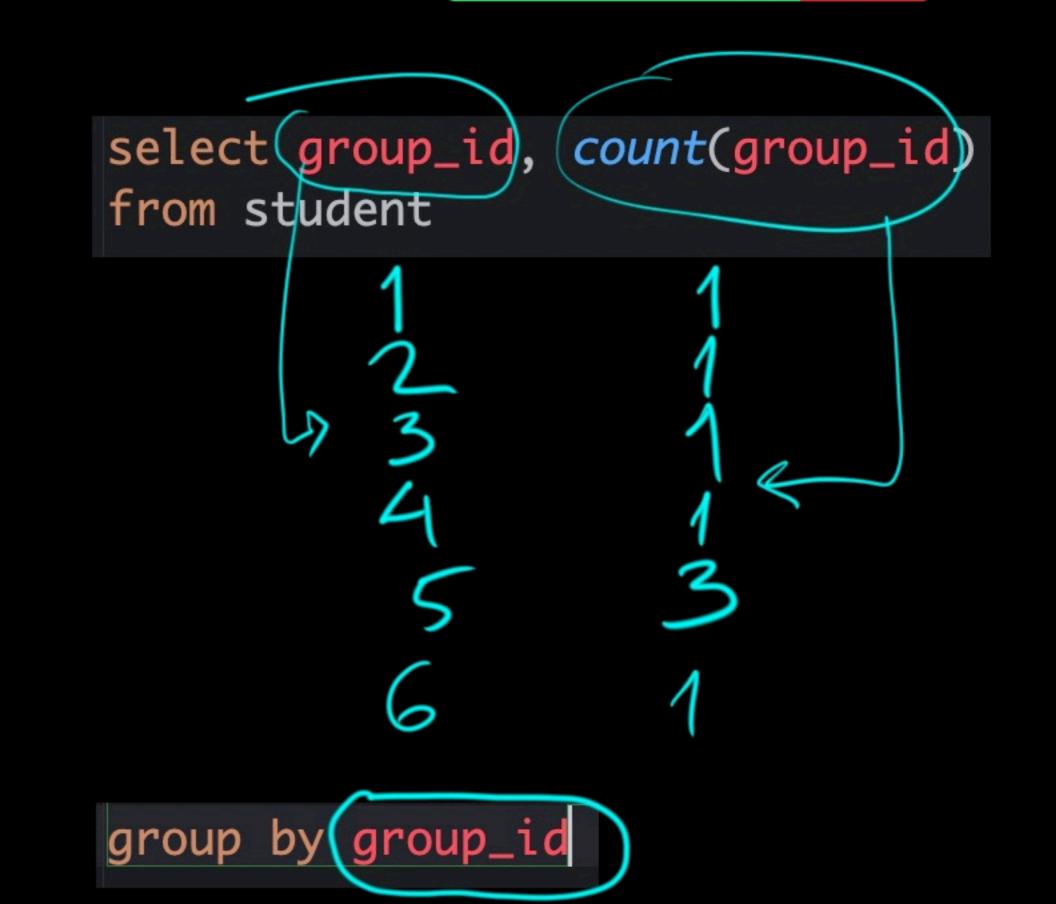
count

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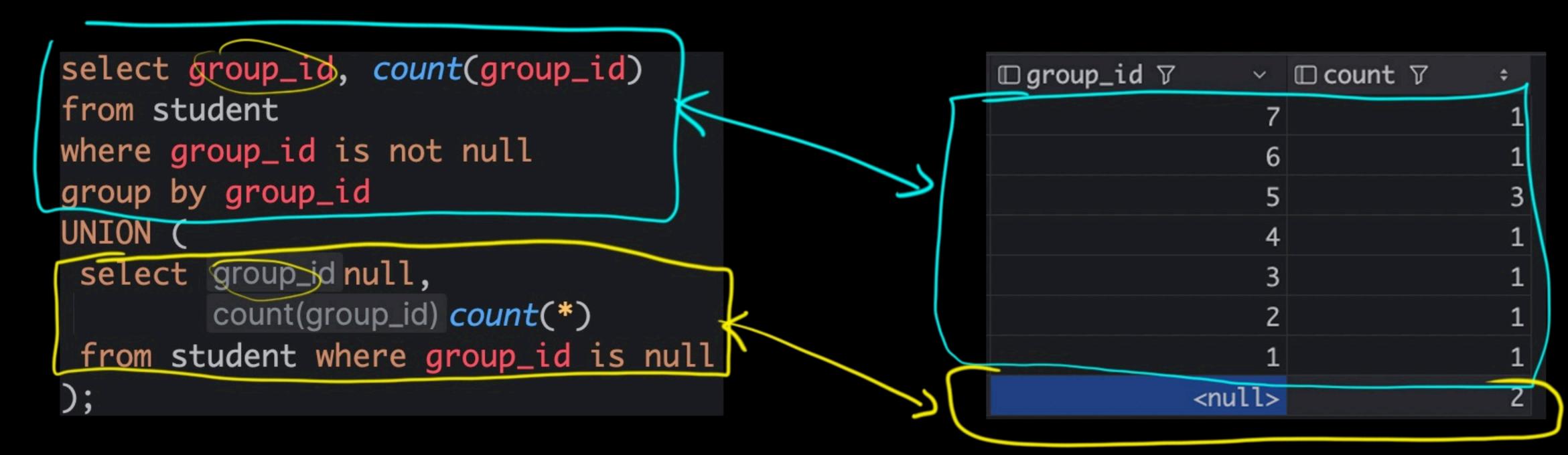


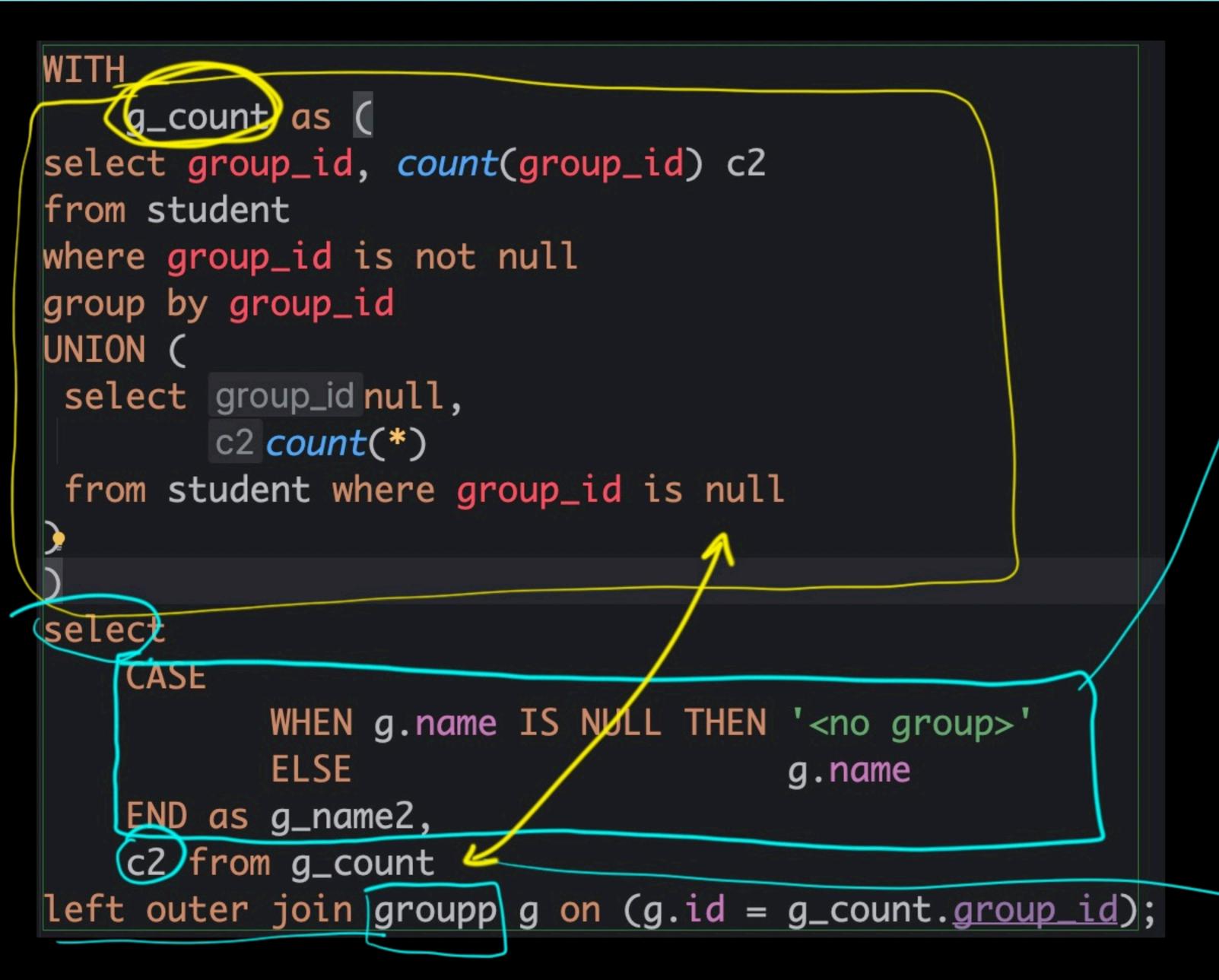
group_id ♡ ÷	Œ	count	∇	\$
<null:< td=""><td>></td><td></td><td></td><td>0</td></null:<>	>			0
(ŝ			1
	L			1
2	2			1
	3			1
4	1			1
	5			3
	7			1

```
WITH
   g_count as (
select group_id, count(group_id) as c2
from student
group by group_id)
select
    CASE
          WHEN g.name IS NULL THEN '<no group>'
          ELSE
                                    g.name
    END as g_name2,
    c2 from g_count
left outer join groupp g on (g.id = g_count.group_id);
```

□ g_name	2 ▽	\$	© c2 \	7 +
FS1				1
FS2				1
FS3				1
FS4				1
FS5				3
FS6				1
FS7				1
<no group<="" td=""><td>o></td><td></td><td></td><td>0</td></no>	o>			0







□ g_	_name2	了	‡	□ c2	7	¢
FS1						1
FS2						1
FS3						1
FS4						1
FS5						3
FS6						1
FS7						1
<no< td=""><td>group></td><td>•</td><td></td><td></td><td></td><td>2</td></no<>	group>	•				2

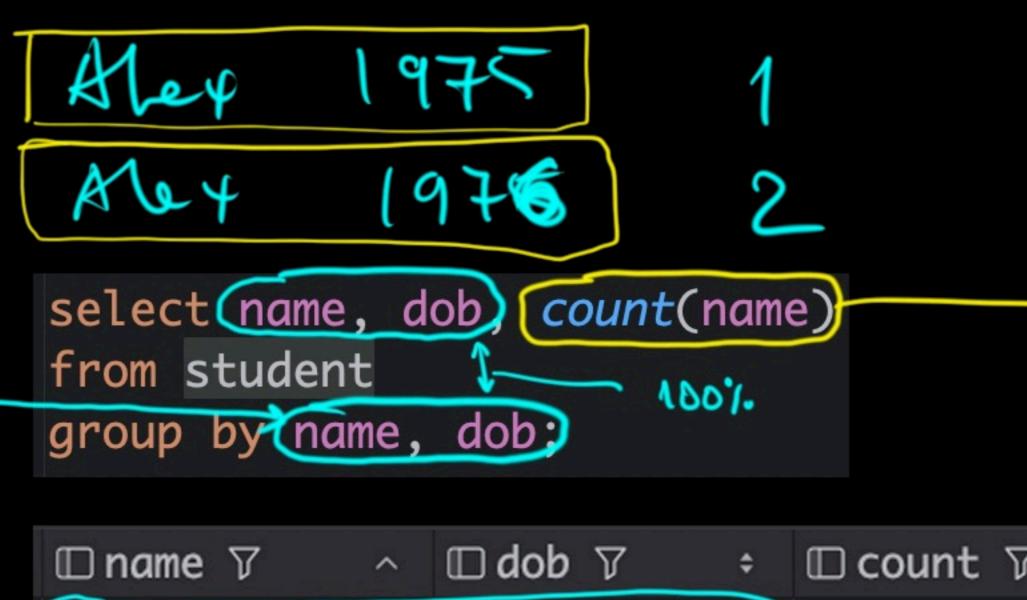
⊋id ♡	p name p		©group_id ♡
	9 Jim	194	é / \
	10 Jack	198	1 /
	11 Mary	200	0 \
	12 Helen	200	2
	13 Nate	200	1
	14 Jacky	/\200	2
	15 Olha	201	
	16 Alex	197	5
	19 Bill	201	5 / <null< th=""></null<>
	18 Tom	202	
	17 Alex	197	6\/
` /	とられ、からか	1	
	G.124,810		
			Group
•			9.00
	21.		
9	istinus:		

#6

select name, (count(name) from student group by name;

id ♡	¢	□ name ♡ ^	□ dob ♥ ÷	□group_id ♡ ÷
	16	Alex	1975	6
	17	Alex	1976	4
	14	Alex	1976	5
	19	Bill	2015	<null></null>
	12	Helen	2002	5
	10	Jack	1981	2
	9	Jim	1942	1
	11	Mary	2000	3
	13	Nate	2001	5
	15	0lha	2011	<null></null>
	18	Tom	2020	7

\square name	了	\$	\square count	了	\$	
Alex					3	
01ha					1	
Nate					1	
Jim					1	
Helen					1	
Mary					1	
Jack					1	
Bill					1	
Tom					1	



□ name ♡	^	□ dob ♡	\$	□ count	了	\$
Alex			1976)		(2)
Alex			1975)		1
Bill			2015			1
Helen			2002			1
Jack			1981			1
Jim			1942			1
Mary			2000			1