

-- Представление "Ассистенты читающие лекции".

create view assistent as

select t.name_teacher, t.position, l.type_load

from teachers t

join loads l on t.personnel_number = l.personnel_number

where l.type_load = "лекция" and t.position = "ассистент";

Result Grid

#	name_teacher	position	type_load
1	pp	ассистент	лекция

assistent 9 ✕

Action Output

#	Time	Action	Response	Duration	Message
52	01:47:04	select * from assistent LIMIT 0, 1000	1 row(s) returned	0.00036 sec / 0.0000050 sec	1 row(s) returned
53	01:48:25	select * from assistent LIMIT 0, 1000	1 row(s) returned		1 row(s) returned

select * from assistent;

update assistent

set name_teacher = "pp"

where type_load = "лекция";

Action Output

#	Time	Action	Response	Duration	Message
54	01:48:58	update assistent set name_teacher = "pp" where typ...	0 row(s) affected Rows matched: 1 Changed: 0 Warnings: 0	0.00043 sec	0 row(s) affected Rows matched: 1 C

-- Второе

create view second as

select

 d.name_discipline,

 d.quantity_lectures,

 lect.name_teacher as лектор,

 case when d.number_of_seminars > 0 then d.number_of_seminars else null end,

 sem.name_teacher as семинарник,

 case when d.number_of_practical > 0 then d.number_of_practical else null end,

 pract.name_teacher as практикант

from discipline d

left join loads l_lect on d.code_discipline = l_lect.code_discipline

 and l_lect.type_load = "лекция"

left join teachers lect on l_lect.personnel_number = lect.personnel_number

left join loads l_sem on d.code_discipline = l_sem.code_discipline

 and l_sem.type_load = "семинар"

left join teachers sem on l_sem.personnel_number = sem.personnel_number

left join loads l_pract on d.code_discipline = l_pract.code_discipline

 and l_pract.type_load = "практические занятия"

left join teachers pract on l_pract.personnel_number = pract.personnel_number;

select * from second;

Result Grid						Filter Rows:	Export:	Wrap Cell Content:
#	name_disciplin	quantity_lecture	лектор	Name_exp_4	семинарник			
1	йй	60	Иванов Иван Иванович	30	Михайлов Алексей			
2	йй	60	pp	30	Михайлов Алексей			
3	йй	45	NULL	25	Петрова Анна Сер			
4	йй	50	Григорьев Сергей Михайлович	35	Федорова Ольга И			

second 10 ✕

Action Output ▾

#	Time	Action	Response	Message
54	01:48:33	update assis	Action: select * from second LIMIT 0, 1000 Response: 4 row(s) returned Duration: 0.00052 sec / 0.0000079 sec..	Rows matched: 1 C
55	01:49:34	select * from second LIMIT 0, 1000	4 row(s) returned	

update second

set name_discipline = "йй";

Action Output ▾					Action	Response	Message
#	Time						
56	01:50:12	update second set name_discipline = "йй"	Action: update second set name_discipline = "йй" Response: 0 row(s) affected Rows matched: 3 Changed: 0 Warnings: 0 Duration: 0.00056 sec	0 row(s) affected Rows matched: 3 C			

-- Третье

create view teacher_work as

select

t.name_teacher as фио_преподавателя,

d.name_discipline as дисциплина,

case

when l.type_load = 'лекция' then d.quantity_lectures * 2

else 0

end as количество_лекционных_часов,

case

when l.type_load = 'семинар' then d.number_of_seminars

else 0

end as количество_семинаров,

case

when l.type_load = 'практические занятия' then d.number_of_practical

else 0

end as количество_практических,

case

when l.type_load = 'лекция' then d.quantity_lectures * 2

else 0

end +

case

when l.type_load = 'семинар' then d.number_of_seminars

else 0

end +

case

when l.type_load = 'практические занятия' then d.number_of_practical

else 0

end as общее_количество_часов

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from teachers t
join loads l on t.personnel_number = l.personnel_number
join discipline d on l.code_discipline = d.code_discipline
order by t.name_teacher, d.name_discipline;

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select * from teacher_work;

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Result Grid					Filter Rows:	Export:	Wrap Cell Content:
#	фio_преподавателя	дисциплина	количество_лекционных_час	количество_се			
1	pp	йй	120	0			
2	Васильева Екатерина Владимир...	йй	0	0			
3	Григорьев Сергей Михайлович	йй	100	0			
4	Иванов Иван Иванович	йй	120	0			
5	Михайлов Алексей Николаевич	йй	0	30			
6	Петрова Анна Сергеевна	йй	0	25			
7	Сидоров Петр Алексеевич	йй	0	0			
8	Смирнова Мария Петровна	йй	0	0			
9	Федорова Ольга Ивановна	йй	0	35			

teacher_work 11			
Action Output			
#	Time	Action	Message
56	01:50:42	update second se	Rows matched: 3 C
57	01:50:48	select * from teacher_work LIMIT 0, 1000	9 row(s) returned

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update teacher_work
set количество_лекционных_часов = 999
where fio_преподавателя = 'Иванов Иван Иванович';

```

Action Output		Action: update teacher_work set количество_лекционных_часов = 999 where фео_преподавателя = 'Иванов Иван Иванович'	
	#	Response: Error Code: 1348. Column 'количество_лекционных_часов' is not updatable	
✓	57	Duration: 0.00037 sec 01:50:48 select * from teacher_work LIMIT 0, 1000 9 row(s) returned	
✗	58	01:51:19	update teacher_work set количество_лекционных_ч... Error Code: 1348. C