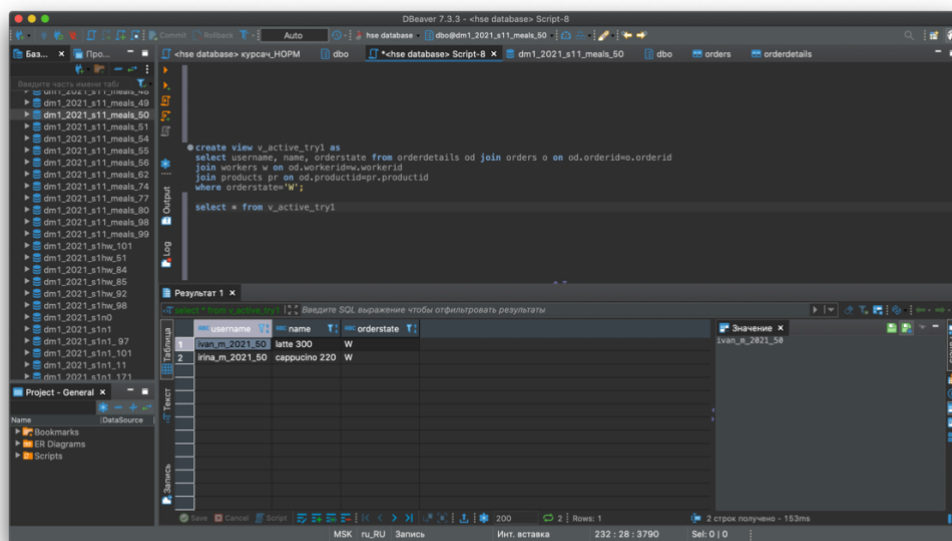


Петров Даниил

1)

```
create view v_active_try1 as
select username, name, orderstate from orderdetails od join orders o on
od.orderid=o.orderid
join workers w on od.workerid=w.workerid
join products pr on od.productid=pr.productid
where orderstate='W';
```



2)

```
CREATE PROCEDURE assign_free_worker (@orderdetail_id int)
as
BEGIN
    update orderdetails
        set detailstate='W' where orderdetailid=@orderdetail_id
    update orderdetails
        set workerid=(SELECT top 1 workerid FROM workers WHERE isavailable
= 1 and [role]='kitchen' ORDER BY workerid ASC) where
orderdetailid=@orderdetail_id
    update workers
```

```

set isavailable=0 where workerid=(SELECT top 1 workerid FROM workers
WHERE isavailable=1 and [role]='kitchen' ORDER BY workerid ASC)
END;

```

```

Select * from orderdetails;

```

```

EXECUTE assign_free_worker 3;

```

```

Select * from orderdetails;

```

CREATE PROCEDURE assign_free_worker (@orderdetail_id int)
as
BEGIN
update orderdetails
set detailstate='W' where orderdetailid=@orderdetail_id
update orderdetails
set workerid=(SELECT top 1 workerid FROM workers WHERE isavailable = 1 and [role]='kitchen' ORDER BY workerid ASC) where orderdetailid=@orderdetail_id
update workers
set isavailable=0 where workerid=(SELECT top 1 workerid FROM workers WHERE isavailable=1 and [role]='kitchen' ORDER BY workerid ASC)
END;
Select * from orderdetails;

orderdetailid	orderid	productid	detailstate	workerid	qty	unitprice	Значение
1	1	3	A	3	1	100.0000	1
2	1	3	R	2	1	200.0000	
3	2	4	N	[NULL]	1	100.0000	
4	2	3	N	[NULL]	2	600.0000	

CREATE PROCEDURE assign_free_worker (@orderdetail_id int)
as
BEGIN
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set detailstate='W' where orderdetailid=@orderdetail_id
update orderdetails
set workerid=(SELECT top 1 workerid FROM workers WHERE isavailable = 1 and [role]='kitchen' ORDER BY workerid ASC) where orderdetailid=@orderdetail_id
update workers
set isavailable=0 where workerid=(SELECT top 1 workerid FROM workers WHERE isavailable=1 and [role]='kitchen' ORDER BY workerid ASC)
END;
Select * from orderdetails;
EXECUTE assign_free_worker 3;
Select * from orderdetails;

orderdetailid	orderid	productid	detailstate	workerid	qty	unitprice	Значение
1	1	3	A	3	1	100.0000	1
2	1	3	R	2	1	200.0000	
3	2	4	W	2	1	100.0000	
4	2	3	N	[NULL]	2	600.0000	