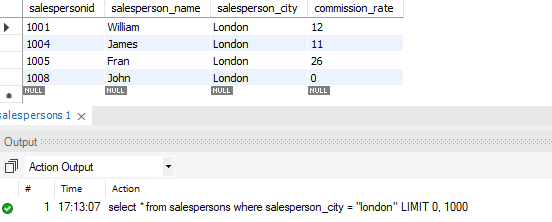
**Sprint 2 practice**

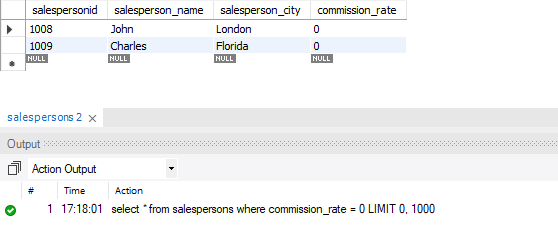
**Task 1**

select \* from salespersons where salesperson\_city = "london";



**Task 2**

select \* from salespersons where commission\_rate = 0;



**Task 3**

select \* from salespersons order by commission\_rate desc limit 3;

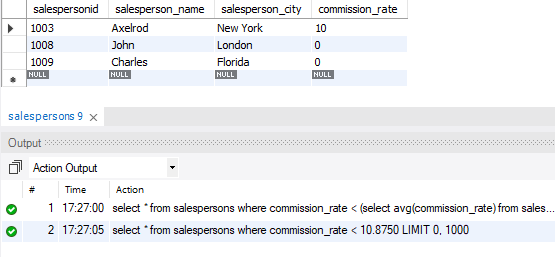


**Task 4**

select avg(commission\_rate) from salespersons;

select \* from salespersons where commission\_rate < (select avg(commission\_rate) from salespersons); -- task 4 alt method 1

select \* from salespersons where commission\_rate < 10.8750; -- task 4 alt method 2

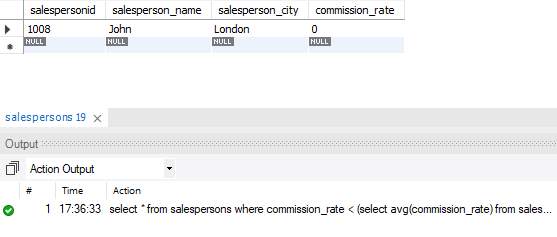


**Task 5**

select avg(commission\_rate) from salespersons;

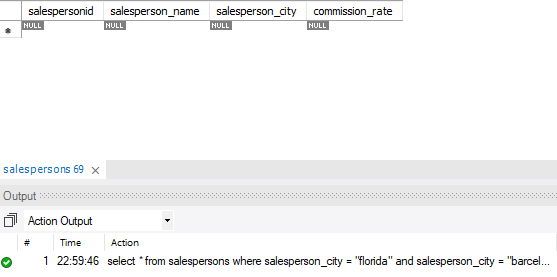
select \* from salespersons where commission\_rate < (select avg(commission\_rate) from salespersons) and salesperson\_city = "london"; -- task 5 alt method 1

select \* from salespersons where commission\_rate < 10.8750 and salesperson\_city = "london"; -- t5 alt method 2



**Task 6**

select \* from salespersons where salesperson\_city = "florida" and salesperson\_city = "barcelona" and salesperson\_city = "san jose";

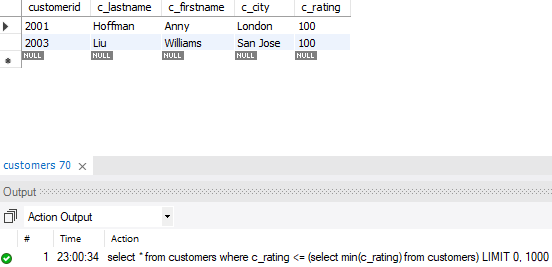


**Task 7**

select min(c\_rating) from customers;

select \* from customers where c\_rating = 100; -- task 7 alt method 1

select \* from customers where c\_rating <= (select min(c\_rating) from customers); -- task 7 alt method 2

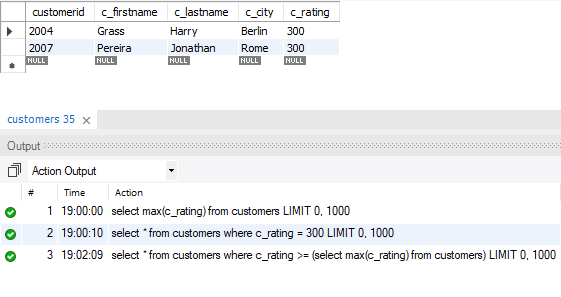


**Task 8**

select max(c\_rating) from customers;

select \* from customers where c\_rating = 300; -- task 8 alt method 1

select \* from customers where c\_rating >= (select max(c\_rating) from customers); -- task 8 alt method 2

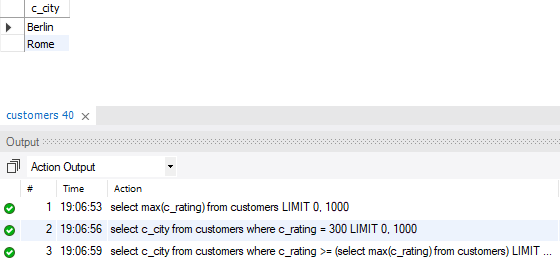


**Task 9**

select max(c\_rating) from customers;

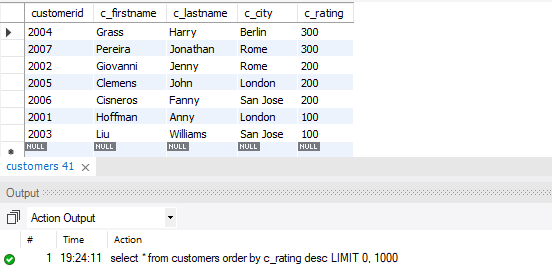
select c\_city from customers where c\_rating = 300; -- alt 1

select c\_city from customers where c\_rating >= (select max(c\_rating) from customers);-- alt 2



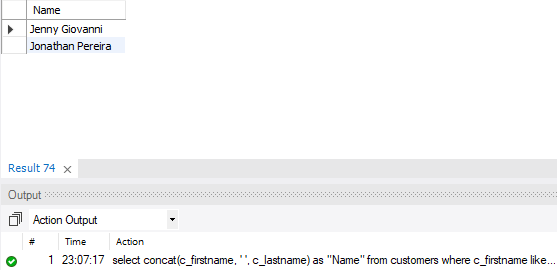
**Task 10**

select \* from customers order by c\_rating desc;



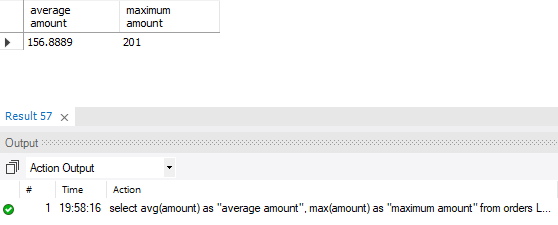
**Task 11**

select concat(c\_firstname, ' ', c\_lastname) as "Name" from customers where c\_firstname like 'J\_n%';



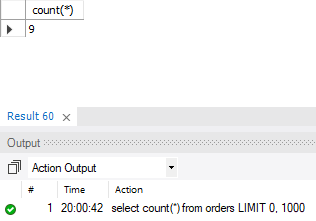
**Task 12**

select avg(amount) as "average amount", max(amount) as "maximum amount" from orders;



**Task 13**

select count(\*) from orders;



**Task 14**

select month(orderdate), sum(amount), avg(amount) from orders group by month(orderdate);

