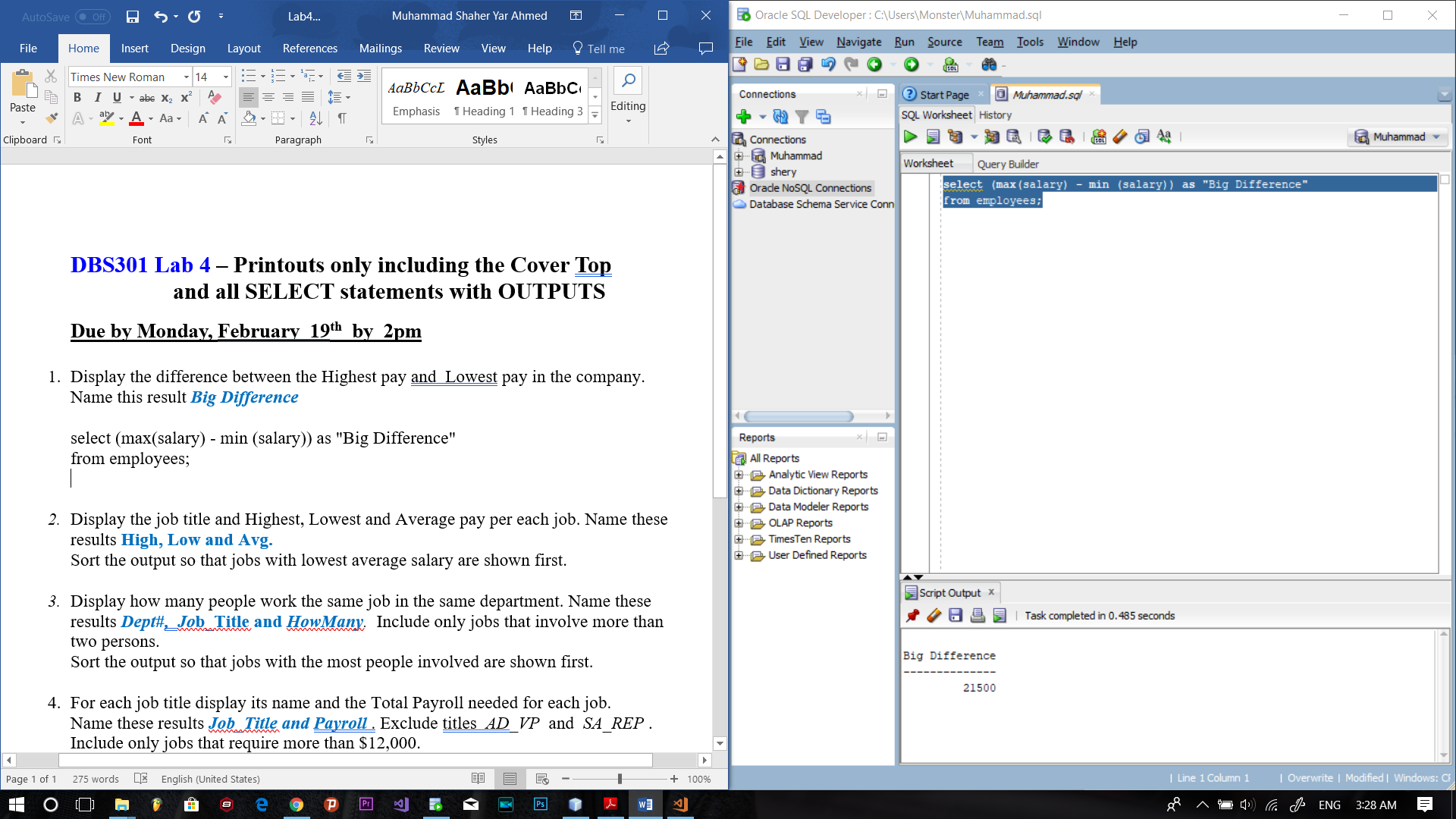
# DBS301 Lab 4 – Muhammad Ahmed – ID: 126330166 Sec: D

**- Prof. Nebojsa Conkic**

1.select (max(salary) – min(salary)) as “Big Difference”

from employees;



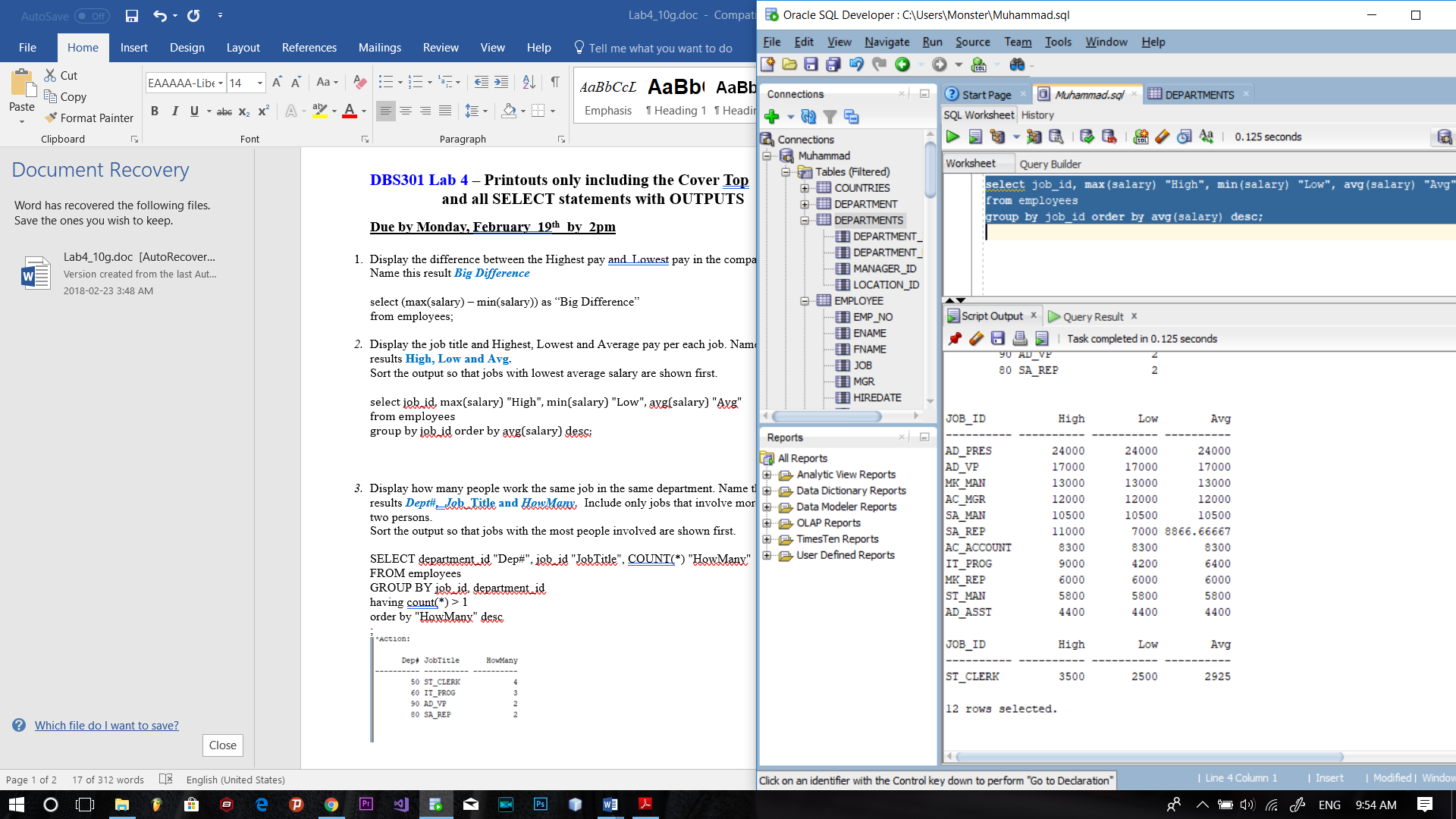
2.

select job\_id, max(salary) "High", min(salary) "Low", avg(salary) "Avg"

from employees

group by job\_id

order by avg(salary) desc;



3.

SELECT department\_id "Dep#", job\_id "JobTitle", COUNT(\*) "HowMany"

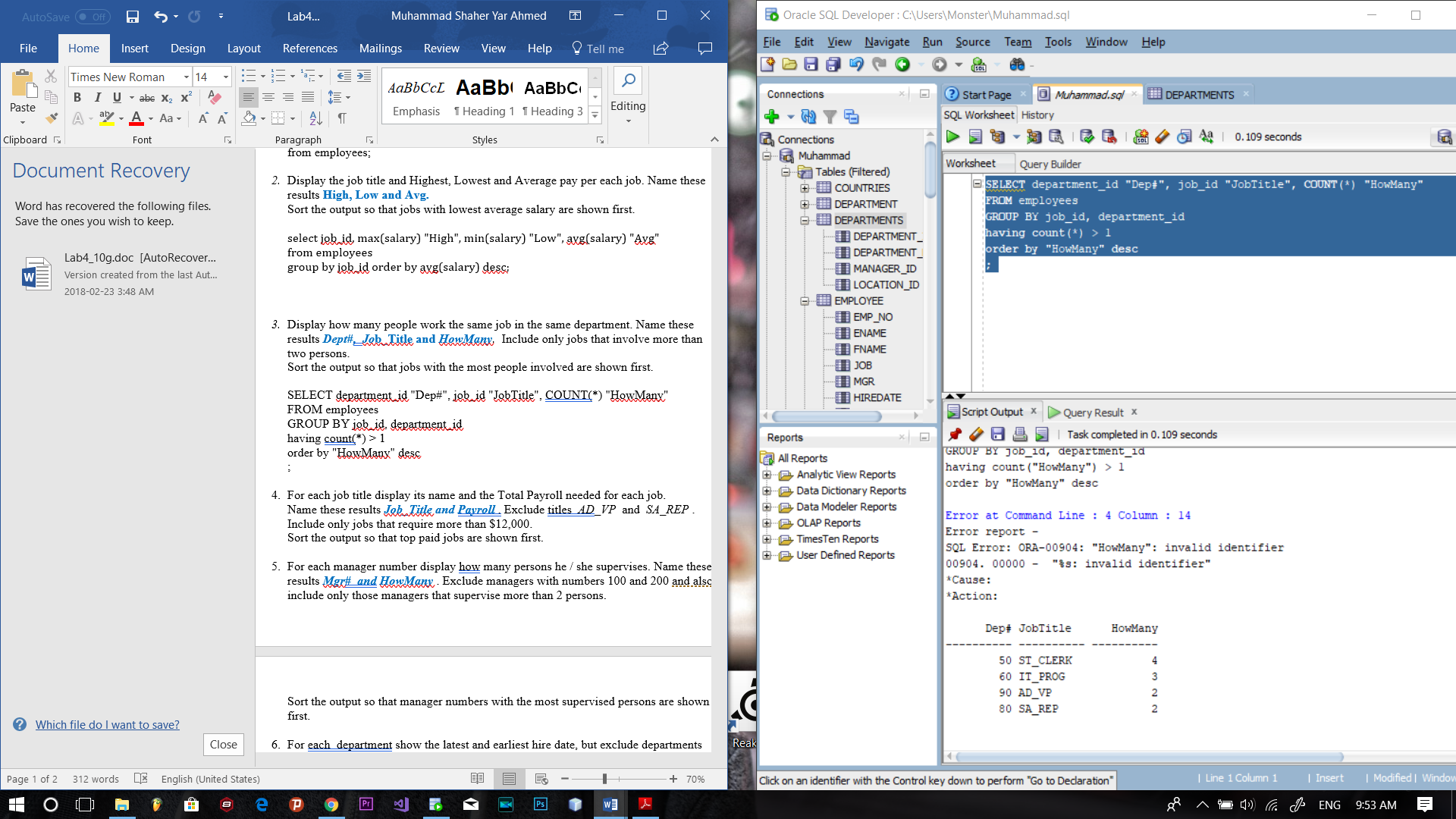
FROM employees

GROUP BY job\_id, department\_id

having count(\*) > 1

order by "HowMany" desc

;



4.

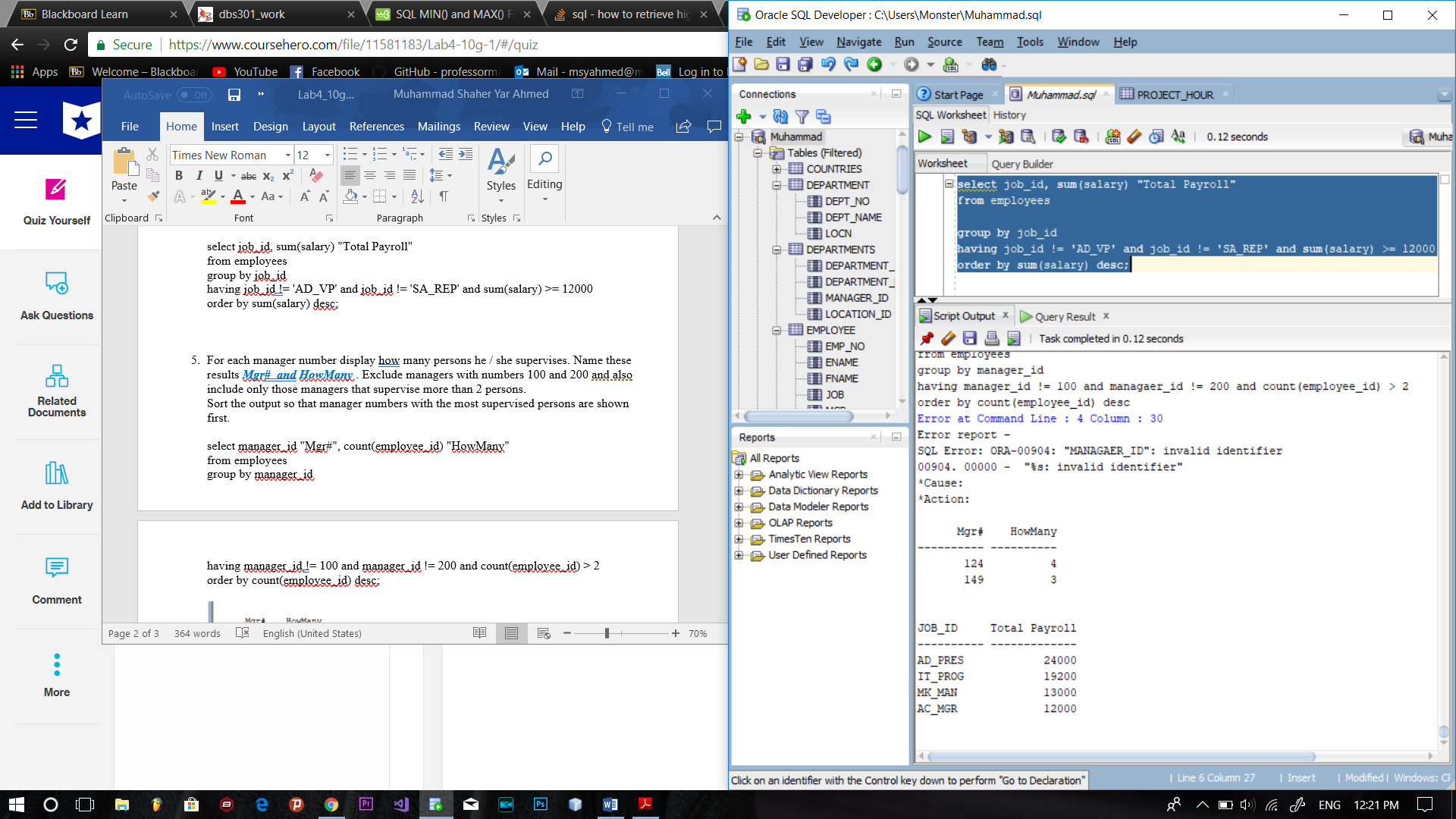
select job\_id, sum(salary) "Total Payroll"

from employees

group by job\_id

having job\_id != 'AD\_VP' and job\_id != 'SA\_REP' and sum(salary) >= 12000

order by sum(salary) desc;



5.

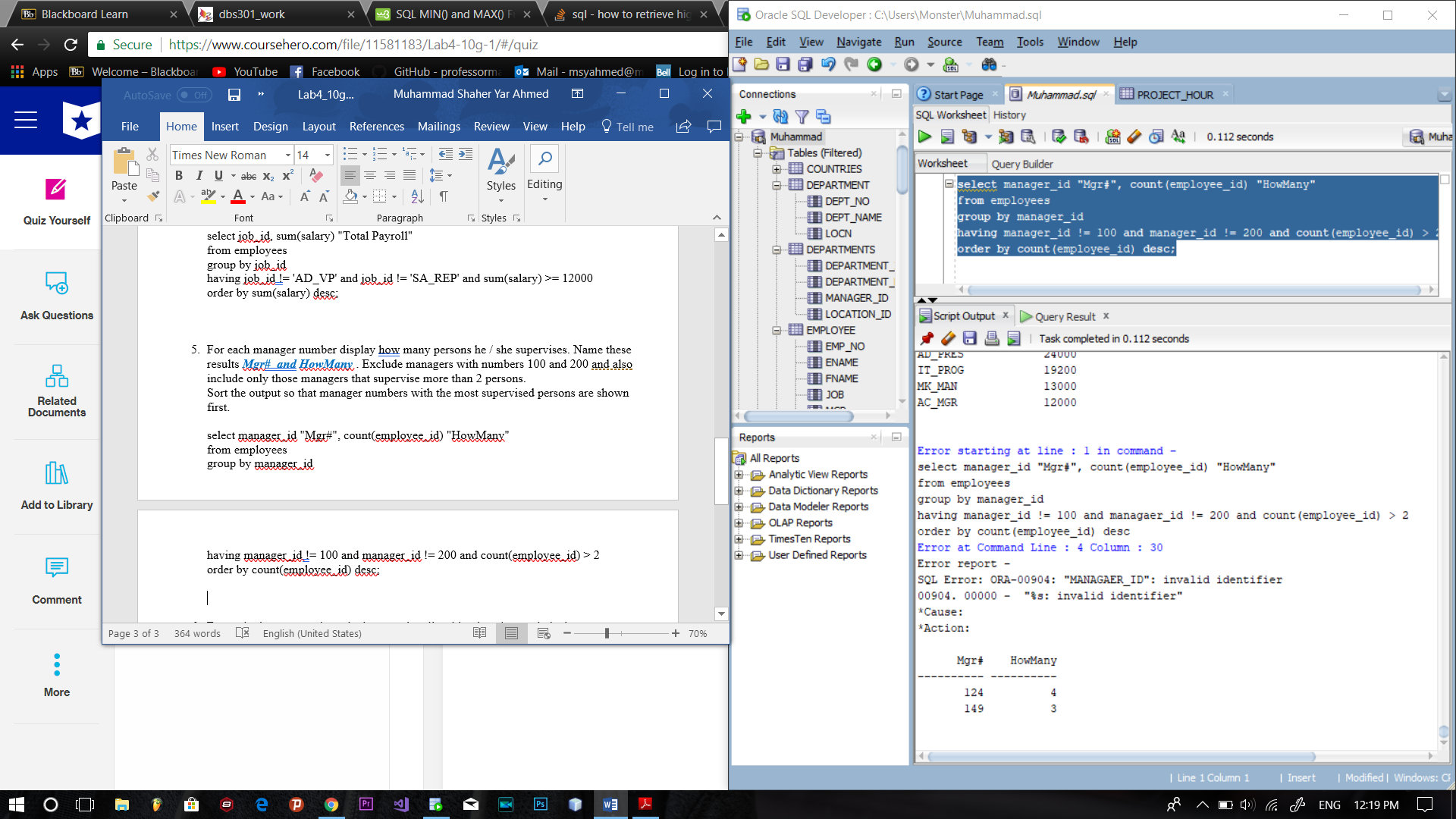
select manager\_id "Mgr#", count(employee\_id) "HowMany"

from employees

group by manager\_id

having manager\_id != 100 and manager\_id != 200 and count(employee\_id) > 2

order by count(employee\_id) desc;



6.

select department\_id, min(hire\_date) Earliest, max(hire\_date) Latest

from employees

group by department\_id

having (min(hire\_date) < '00-01-01') and (min(hire\_date) >= '90-01-01') and department\_id > 59

ORDER BY MAX(HIRE\_DATE) desc;

