1.

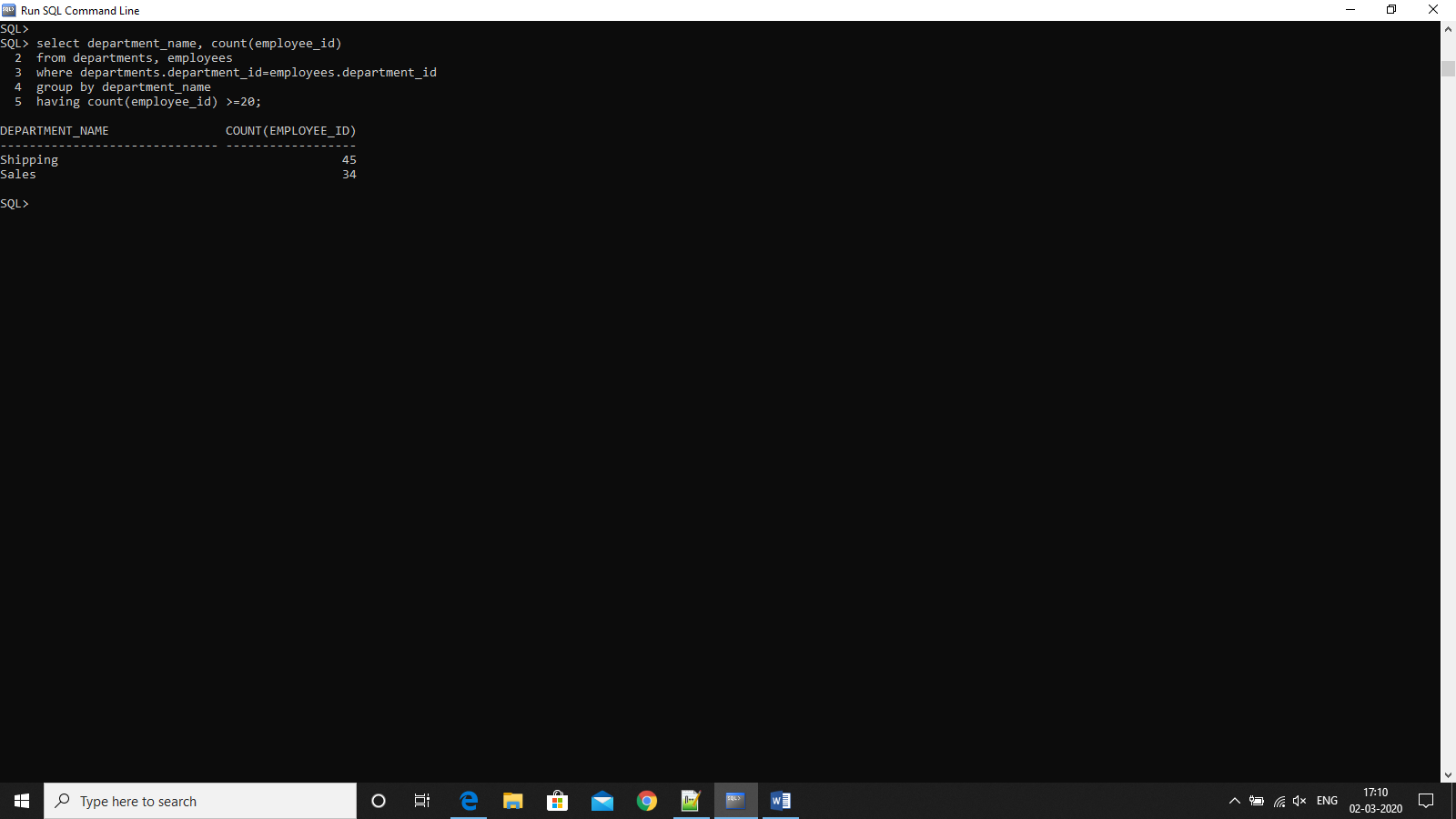
select department\_name, count(employee\_id)

from departments, employees

where departments.department\_id=employees.department\_id

group by department\_name

having count(employee\_id) >=20;



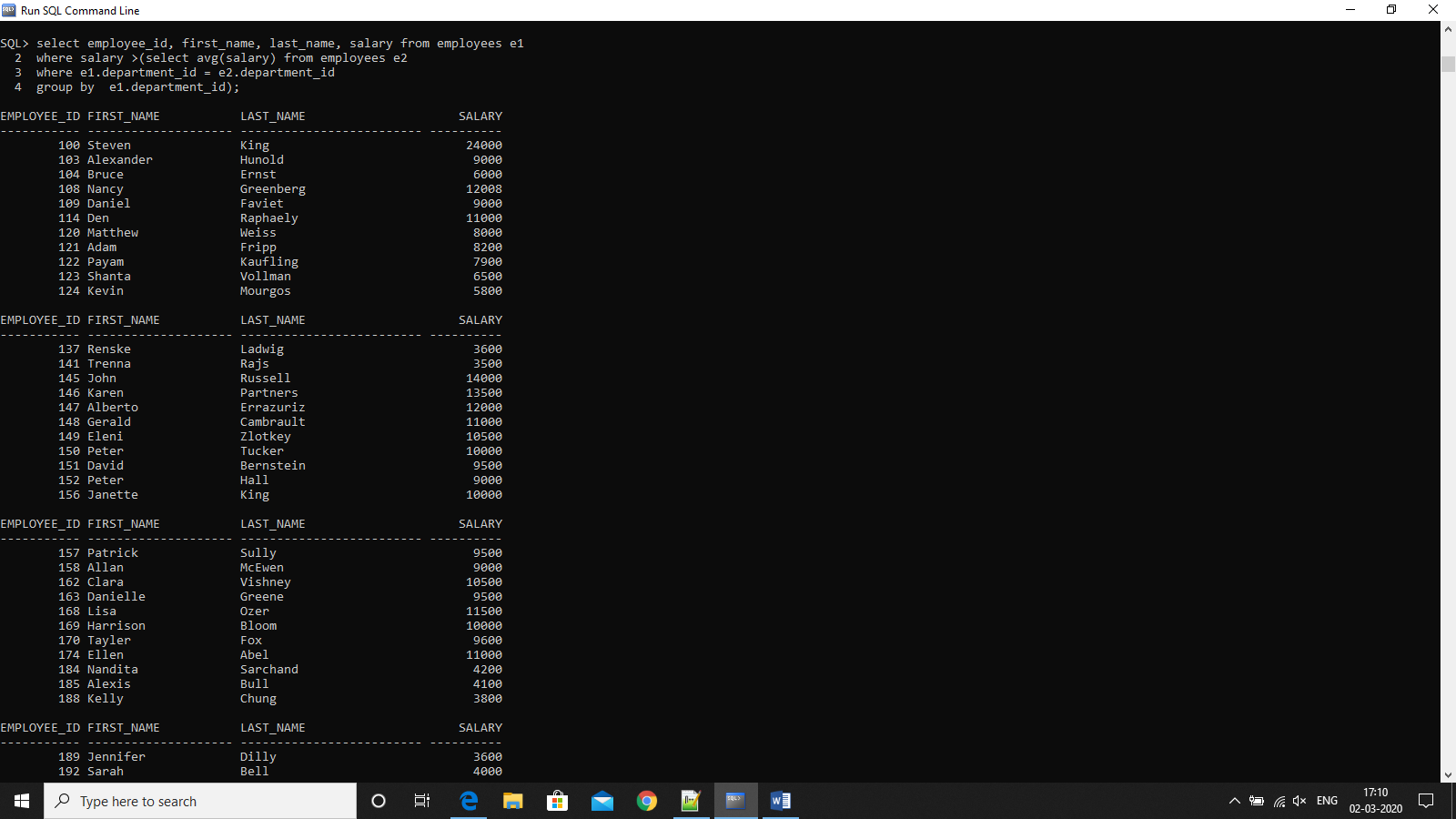
2.

select employee\_id, first\_name, last\_name, salary from employees e1

where salary >(select avg(salary) from employees e2

where e1.department\_id = e2.department\_id

group by e1.department\_id);



3.

select first\_name,

last\_name,

employee\_id,

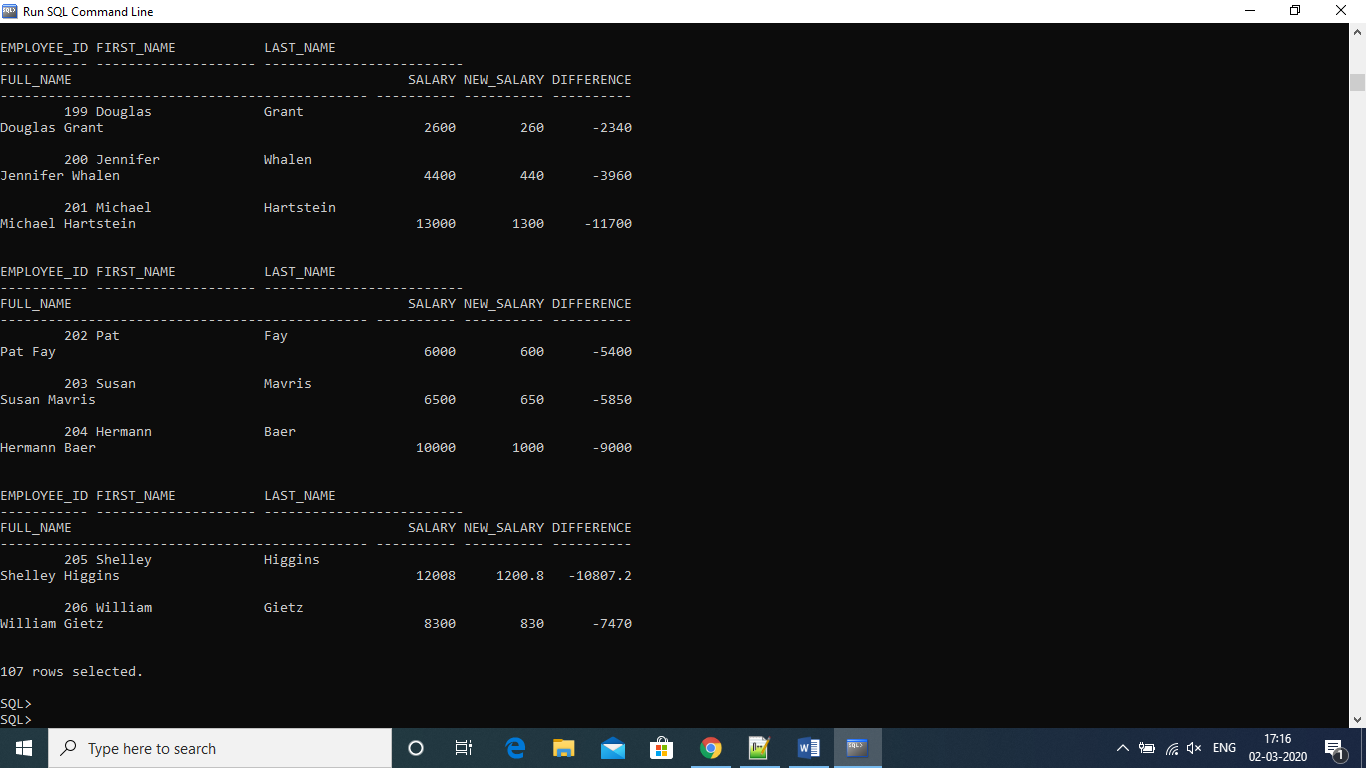
salary,

salary\*0.1 as new\_salary,

(salary\*0.1-(salary)) as difference ,

first\_name||' '||last\_name as full\_name

from employees;



4.

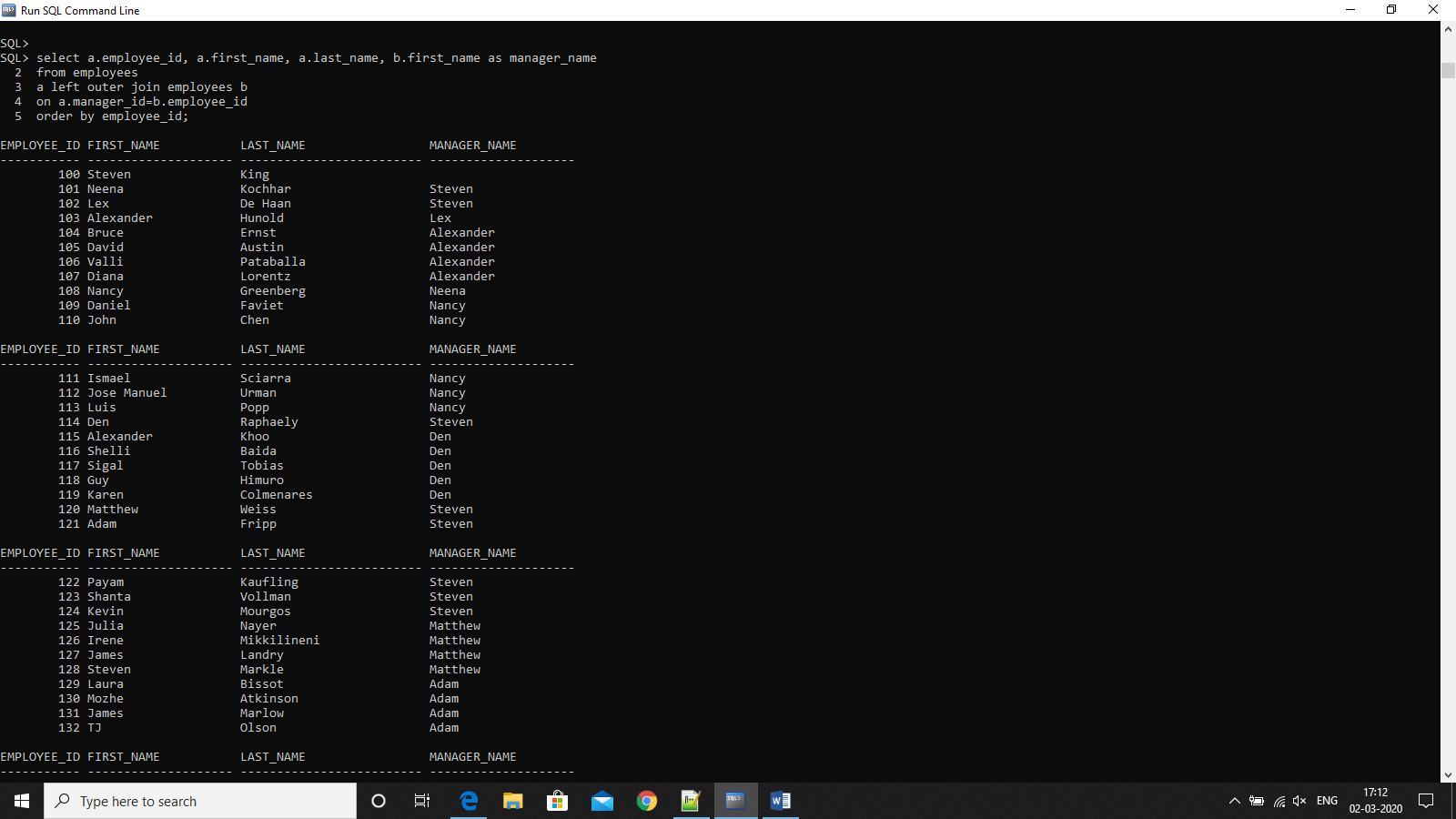
select a.employee\_id, a.first\_name, a.last\_name, b.first\_name as manager\_name

from employees

a left outer join employees b

on a.manager\_id=b.employee\_id

order by employee\_id;



5.

select employee\_id, first\_name, salary from employees

where rownum<=3

order by salary desc;

