Name: Swaranjana Nayak

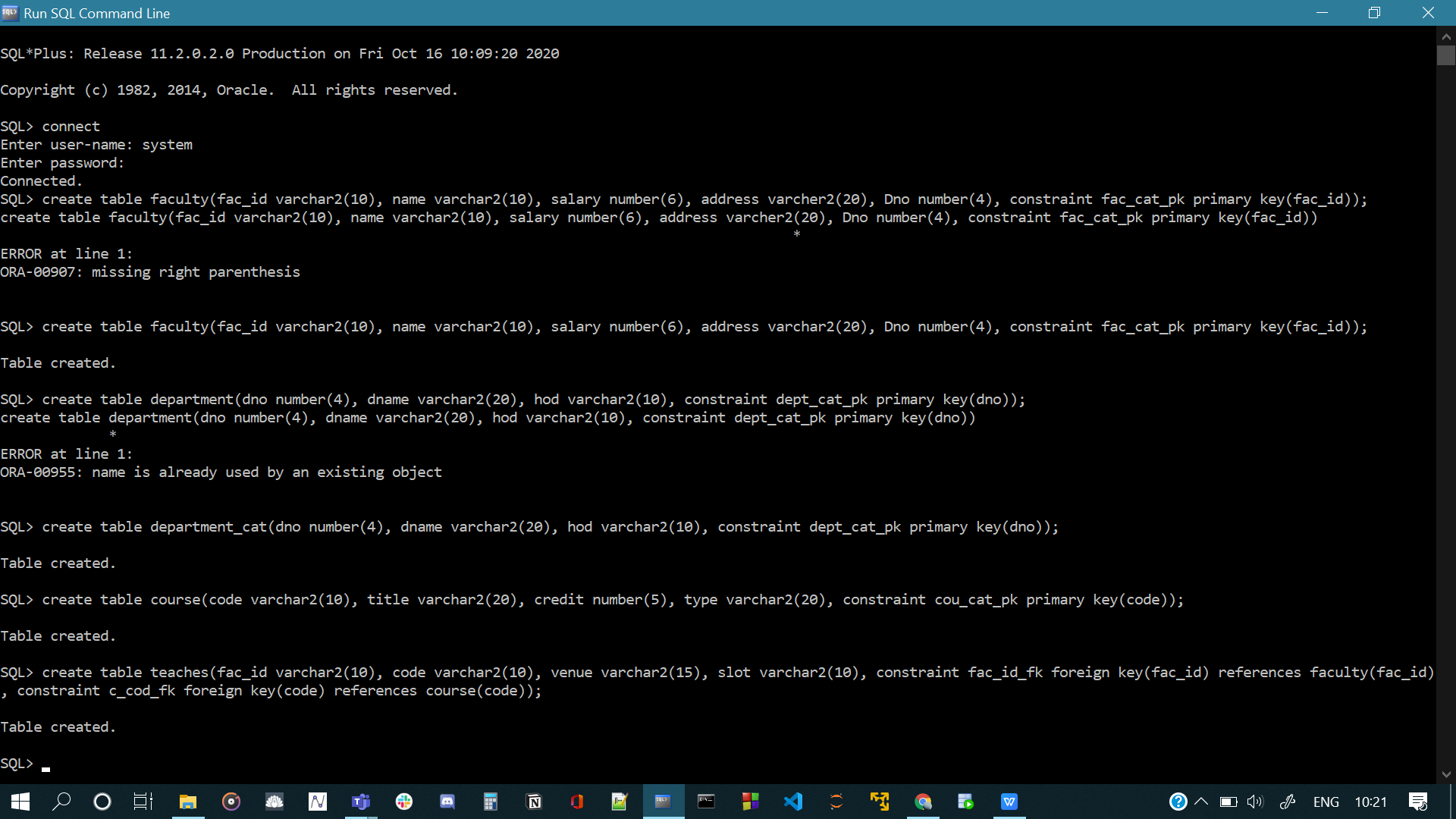
Reg No. : 19BCE0977

Date: 16 /10 / 2020

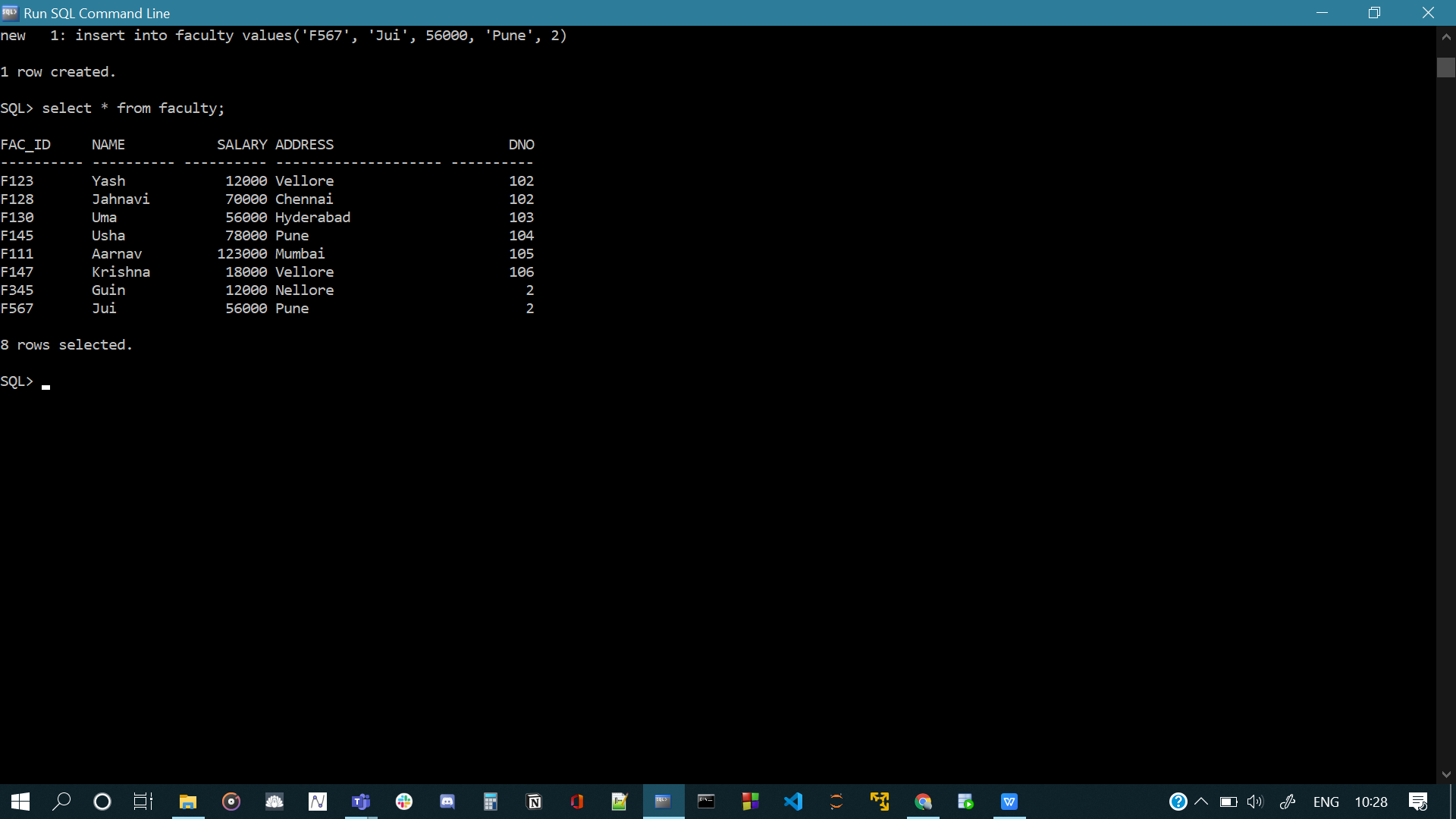
DBMS LAB CAT 2

Question 2

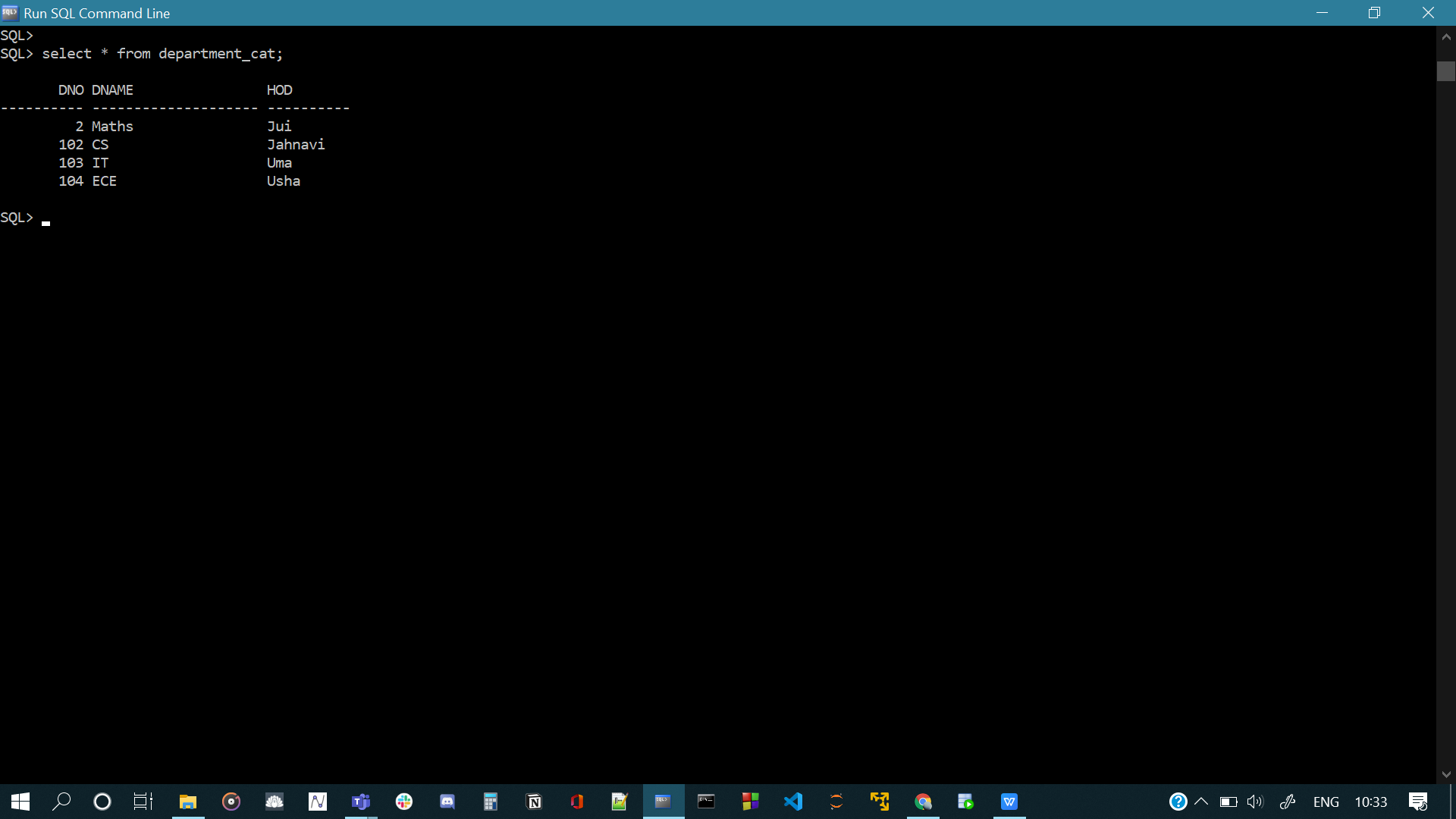
INSERTING AND CREATING TABLES



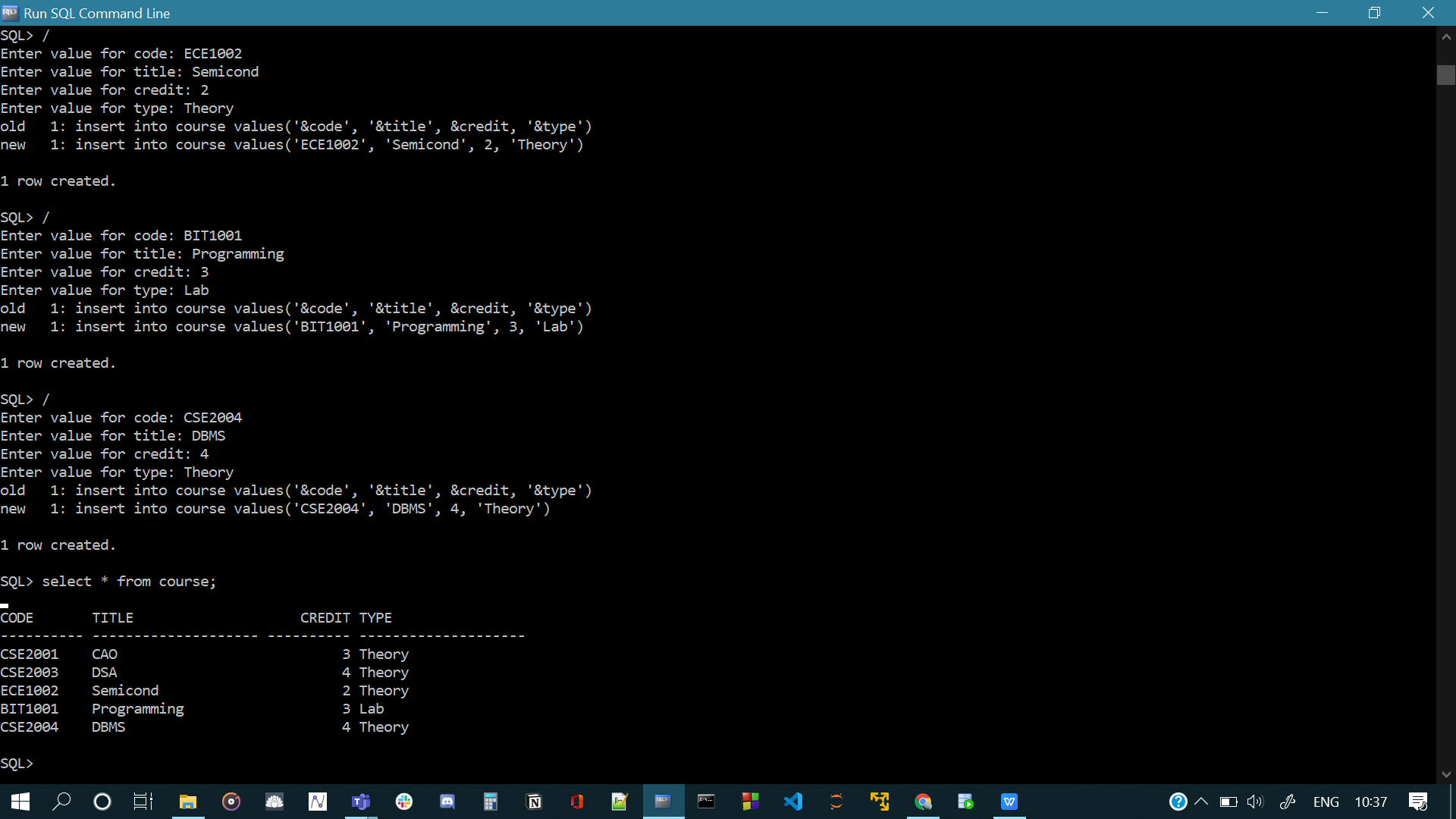
Faculty table



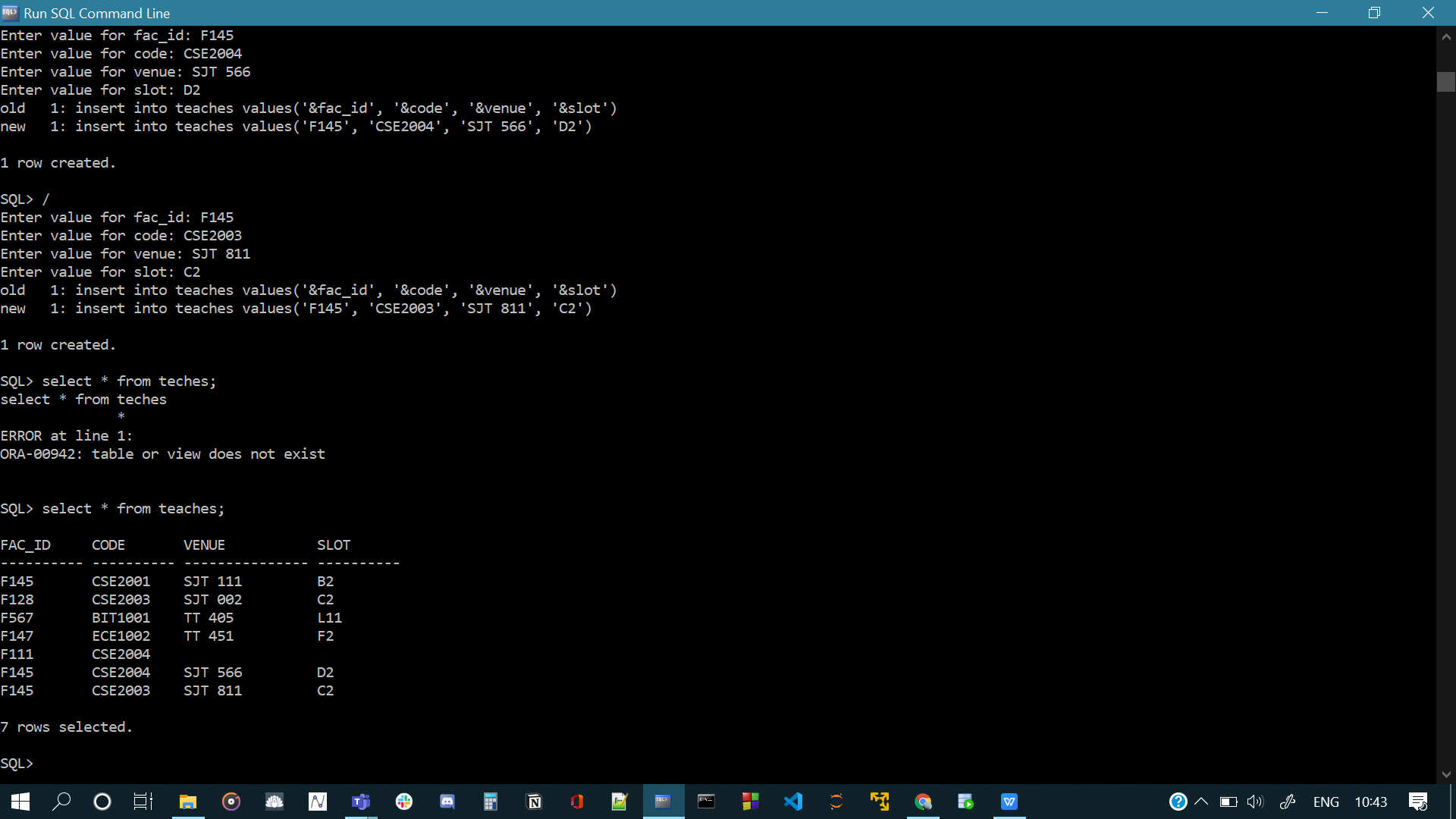
Department table



Course table

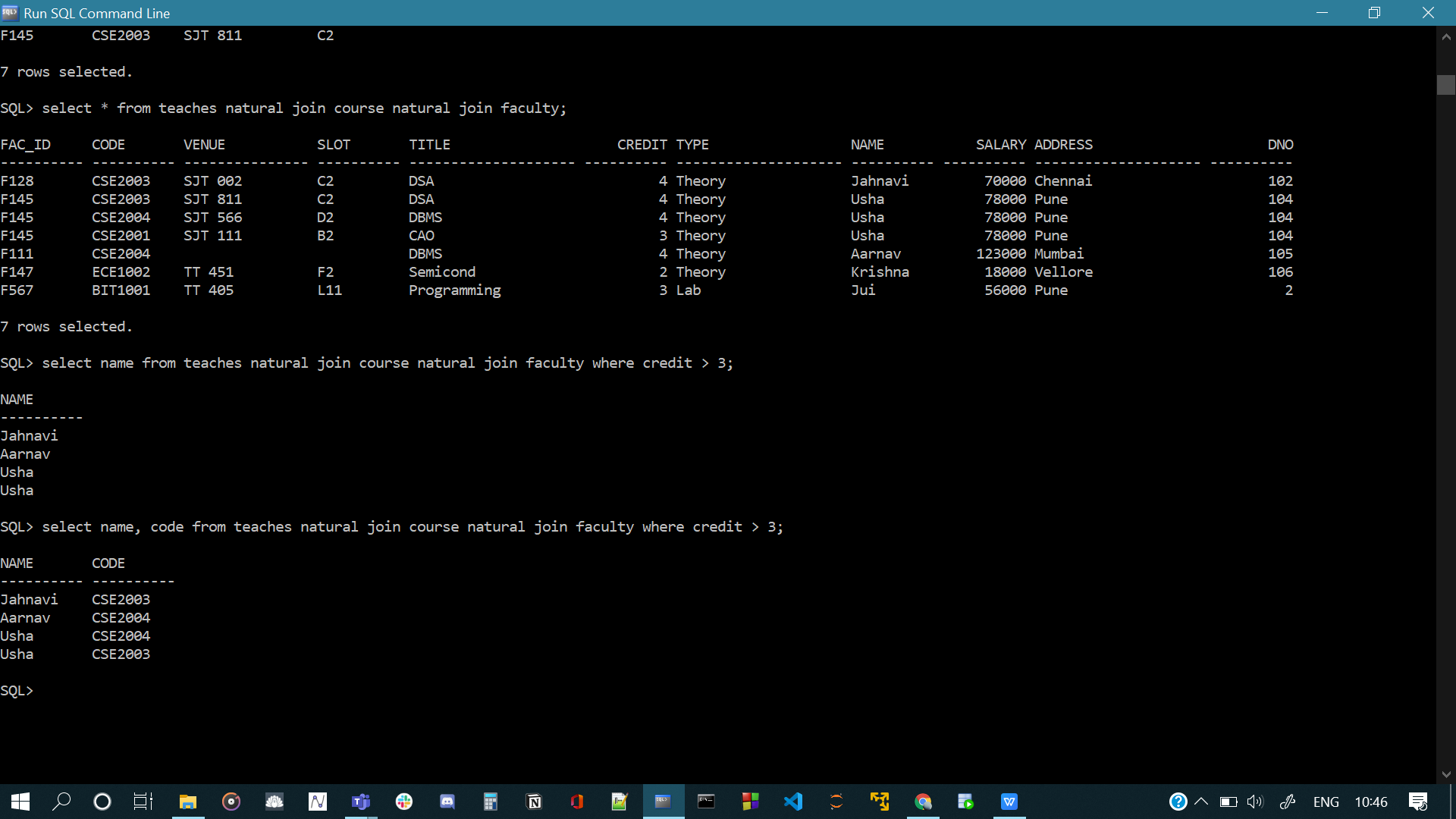


Teaches table

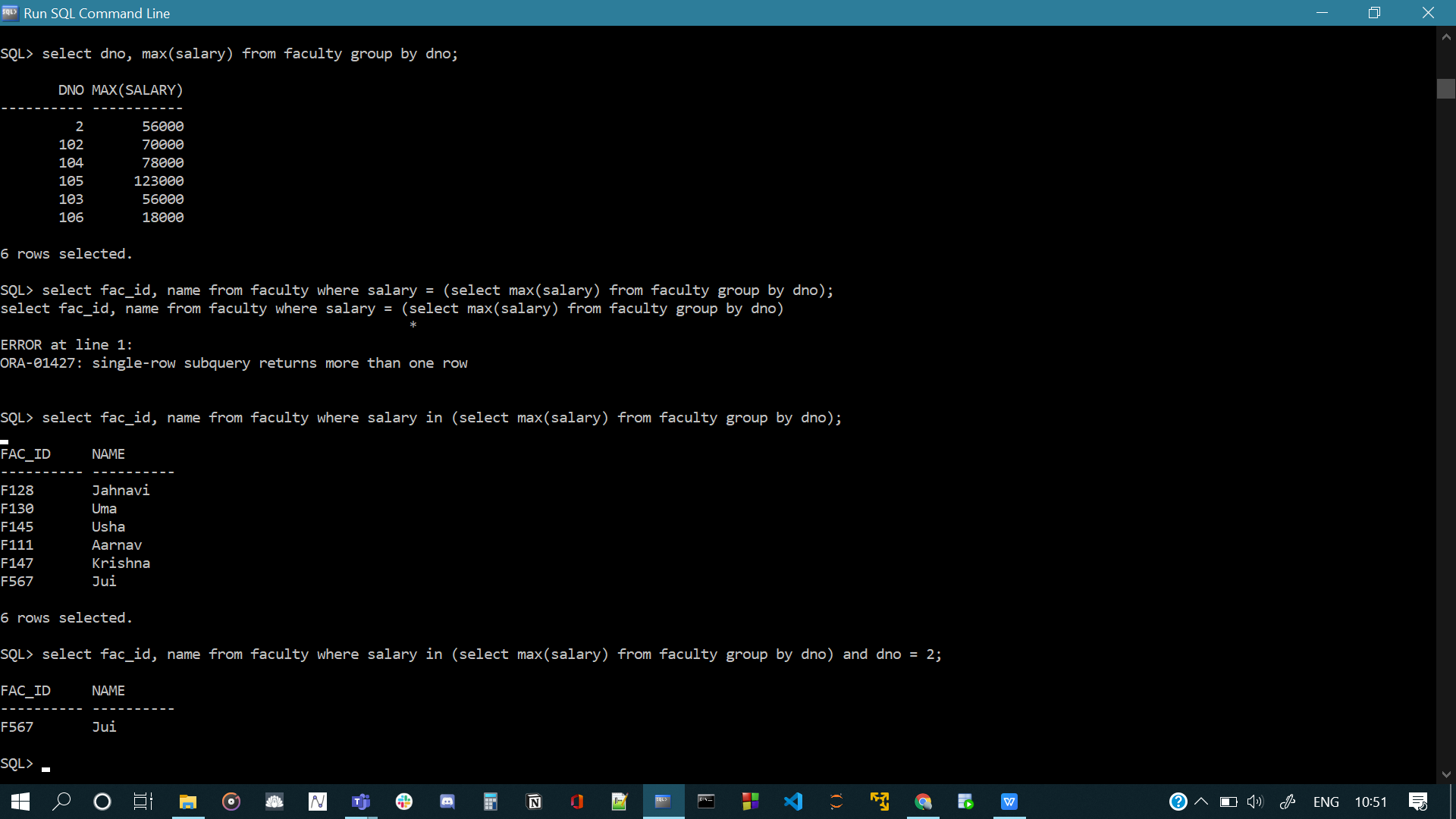


QUERIES

1. SQL> select name from teaches natural join course natural join faculty where credit > 3;



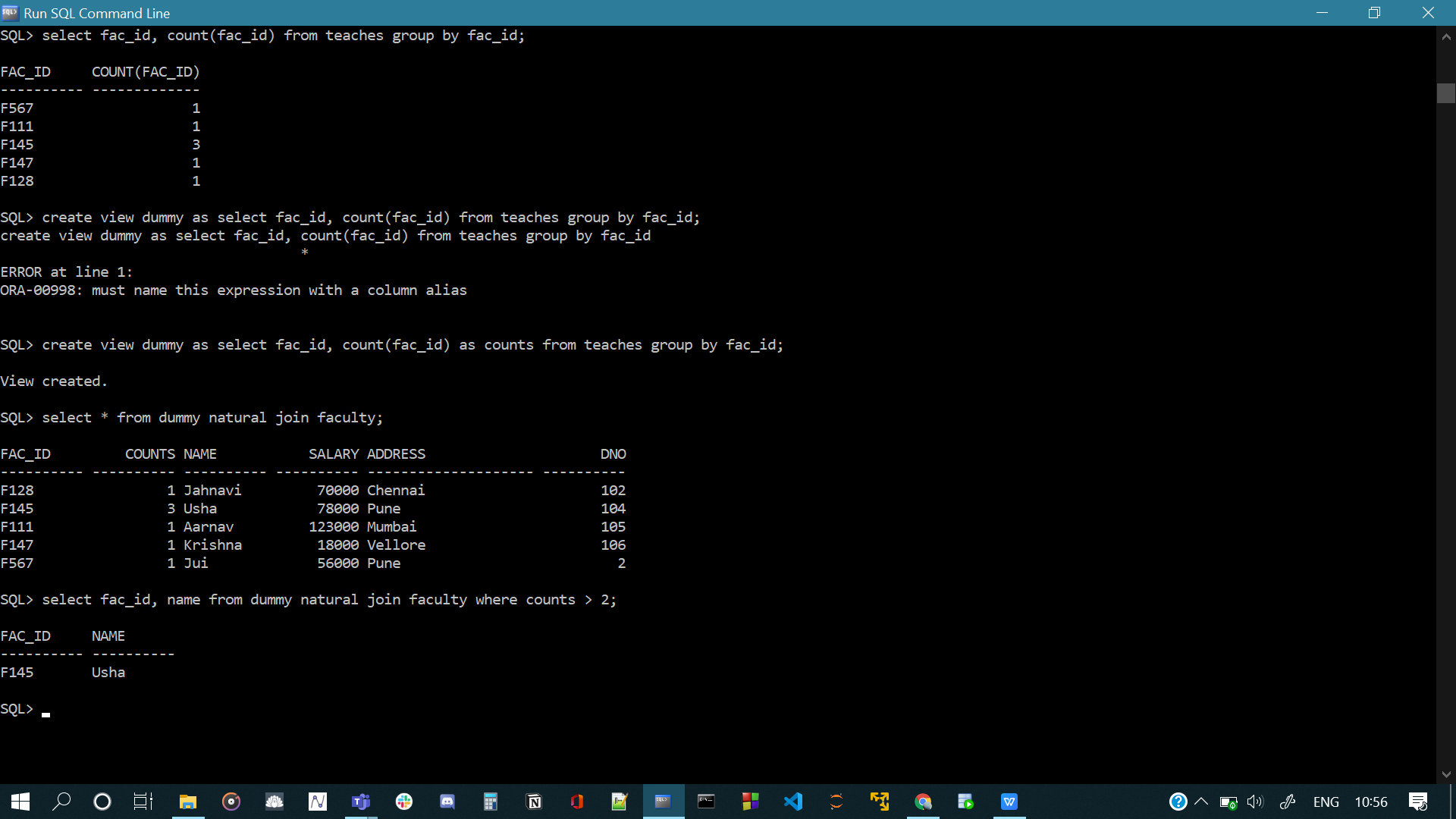
1. SQL> select fac\_id, name from faculty where salary in (select max(salary) from faculty group by dno) and dno = 2;



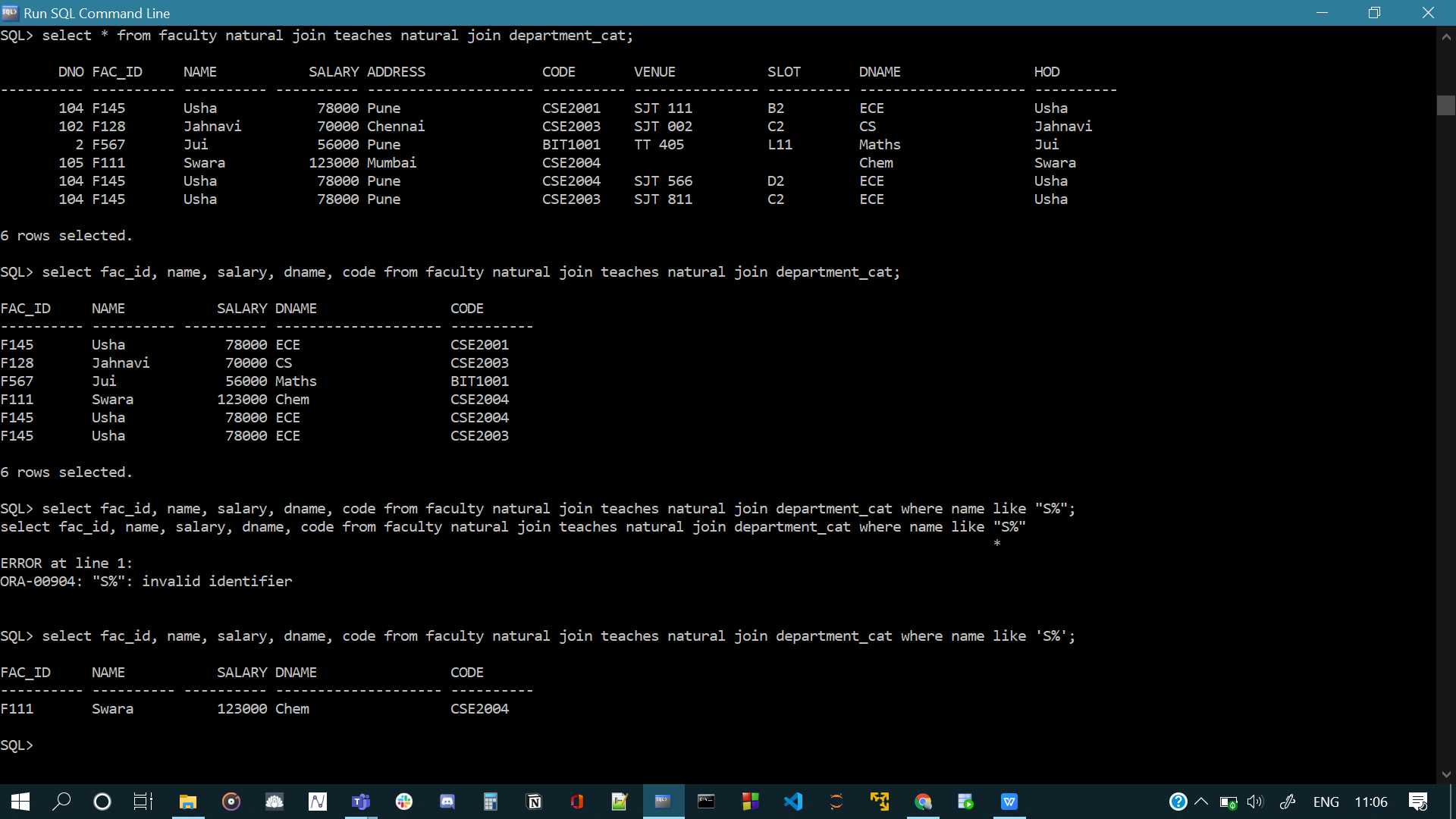
1. SQL> select fac\_id, count(fac\_id) from teaches group by fac\_id;

create view dummy as select fac\_id, count(fac\_id) as counts from teaches group by fac\_id;

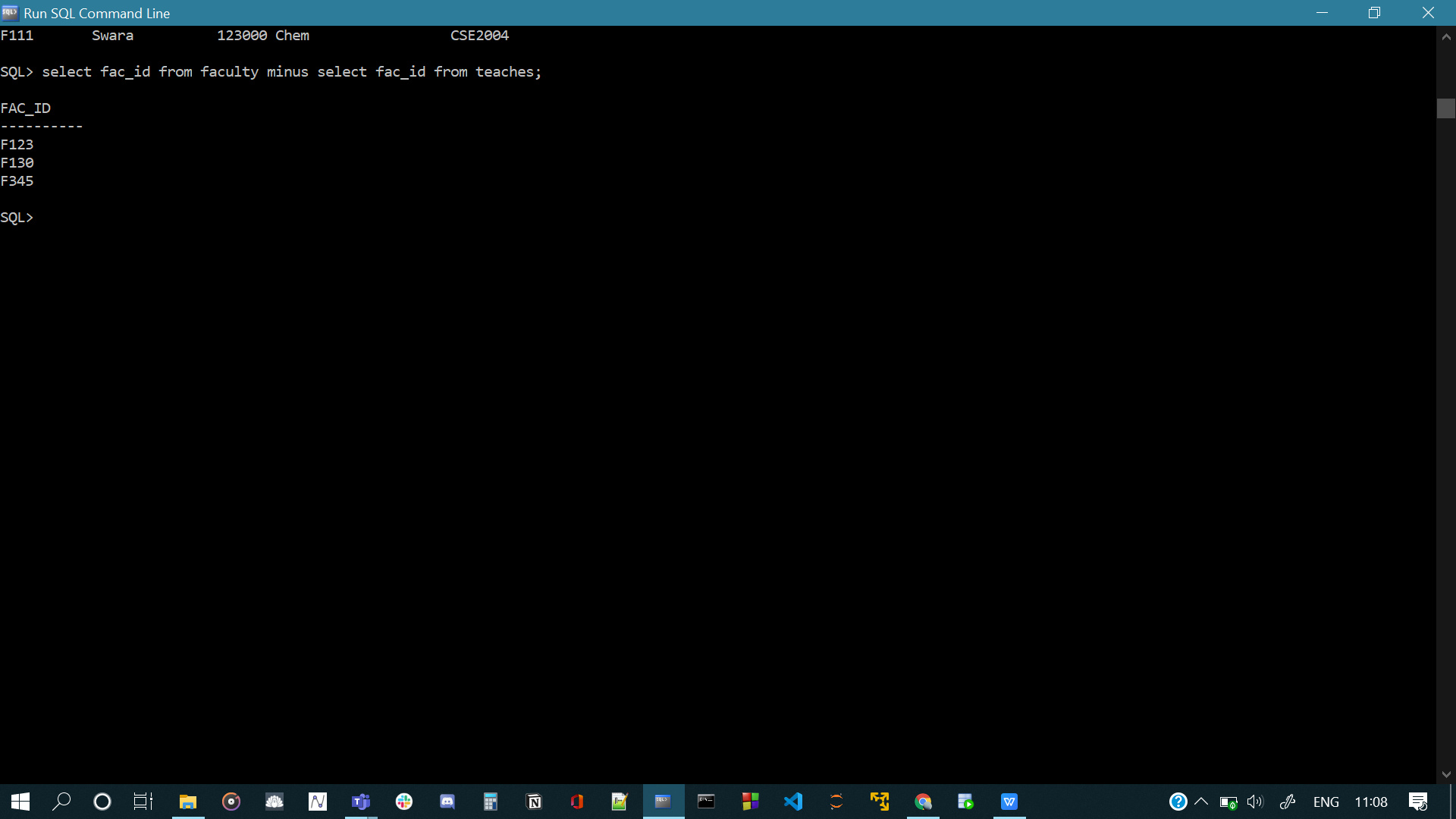
select fac\_id, name from dummy natural join faculty where counts > 2;



1. SQL> select fac\_id, name, salary, dname, code from faculty natural join teaches natural join department\_cat where name like 'S%';



1. SQL> select fac\_id from faculty minus select fac\_id from teaches;



1. create view fun as select dno, count(dno) as counts from faculty group by dno;

select dno from fun where counts = (select max(counts) from fun);

