/\*EX. 3.A)

Am adaugat coloana numar in tabelul info\_dept\_gta, care tine numarul de angajati dintr-un anume departament. Am adaugat date. Acest lucru se va vedea in trigger, care update-aza coloana numar din tabel, updatand-o de fiecare data cand exista o schimbare in tabela info\_emp\_gta.

EX.3.B) TRIGGERUL:

\*/

create or replace trigger trigger\_emp\_dept

after insert or update or delete on info\_emp\_gta

for each row

begin

if inserting then

merge into info\_dept\_gta c

using dual d

on (:new.id\_dept = c.id\_dept)

when matched then update set

c.numar = c.numar + 1

when not matched then insert (id\_dept, numar)

values (:new.id\_dept, 1);

elsif deleting then

update info\_dept\_gta c set

c.numar = c.numar - 1

where c.id\_dept = :old.id\_dept;

elsif updating then

if :new.id\_dept <> :old.id\_dept then

update info\_dept\_gta c set

c.numar = c.numar - 1

where c.id\_dept = :old.id\_dept;

merge into info\_dept\_gta c

using dual d

on (:new.id\_dept = c.id\_dept)

when matched then update set

c.numar = c.numar + 1

when not matched then insert (id\_dept, numar)

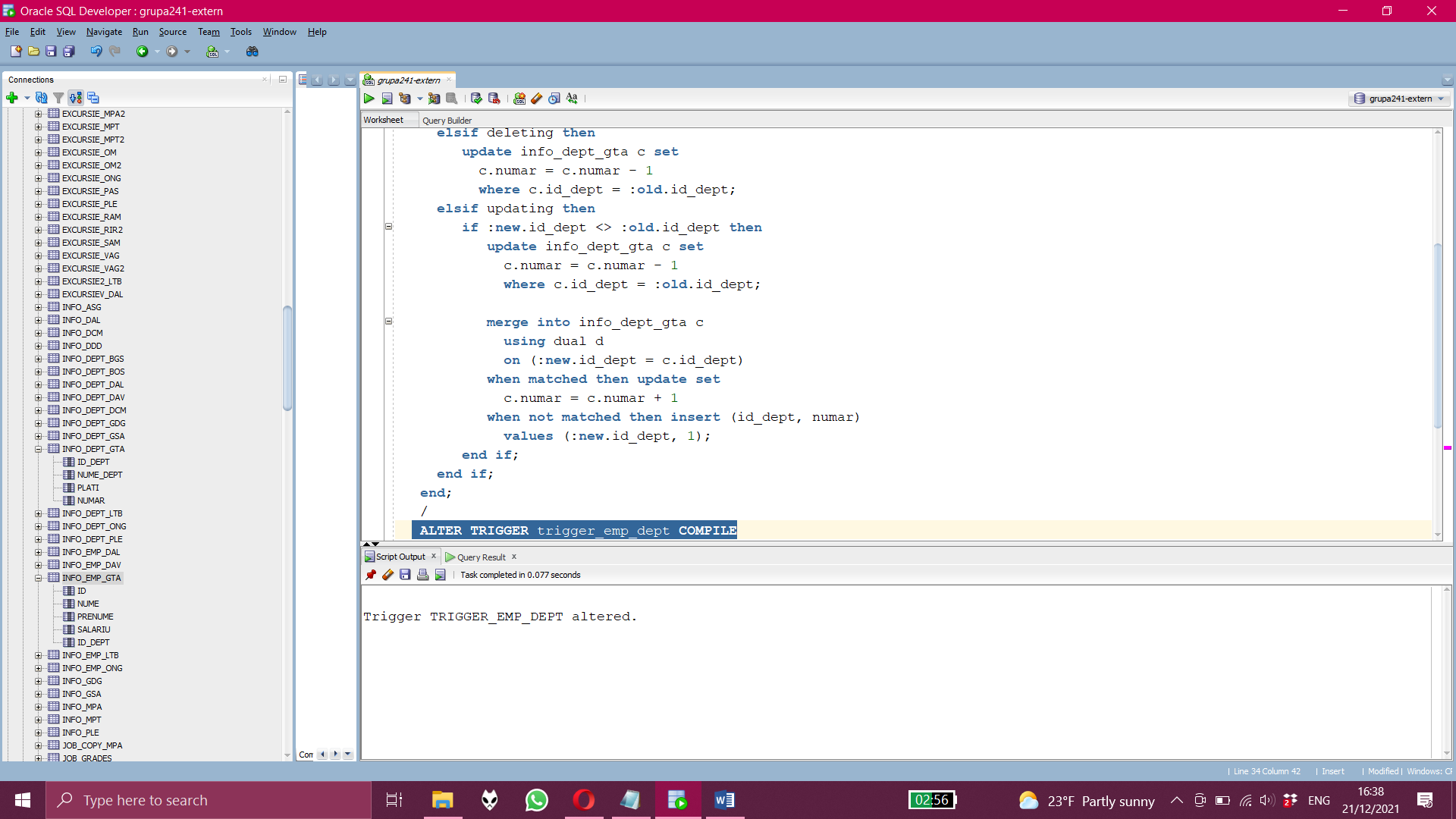
values (:new.id\_dept, 1);

end if;

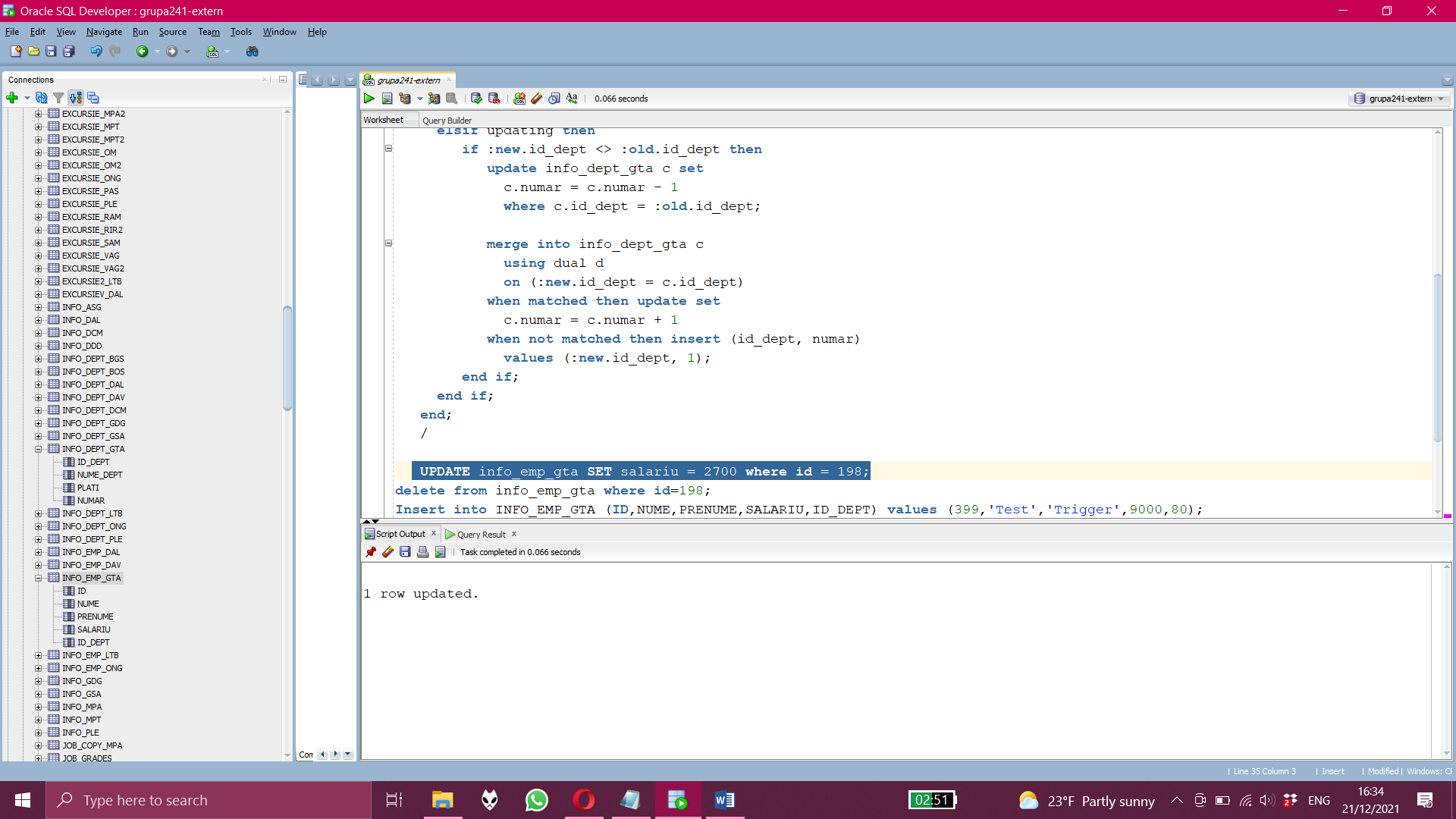
end if;

end;

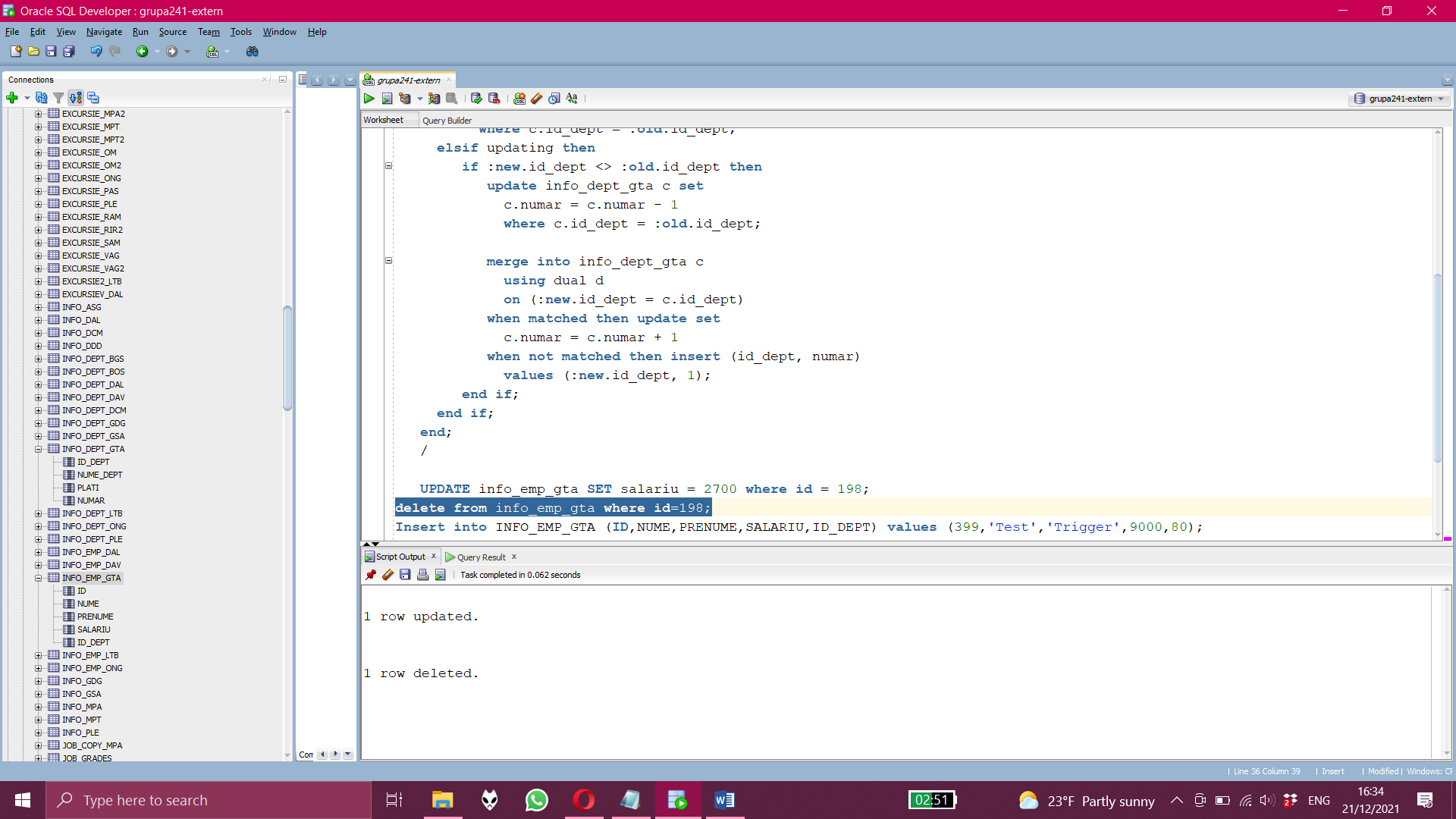
/



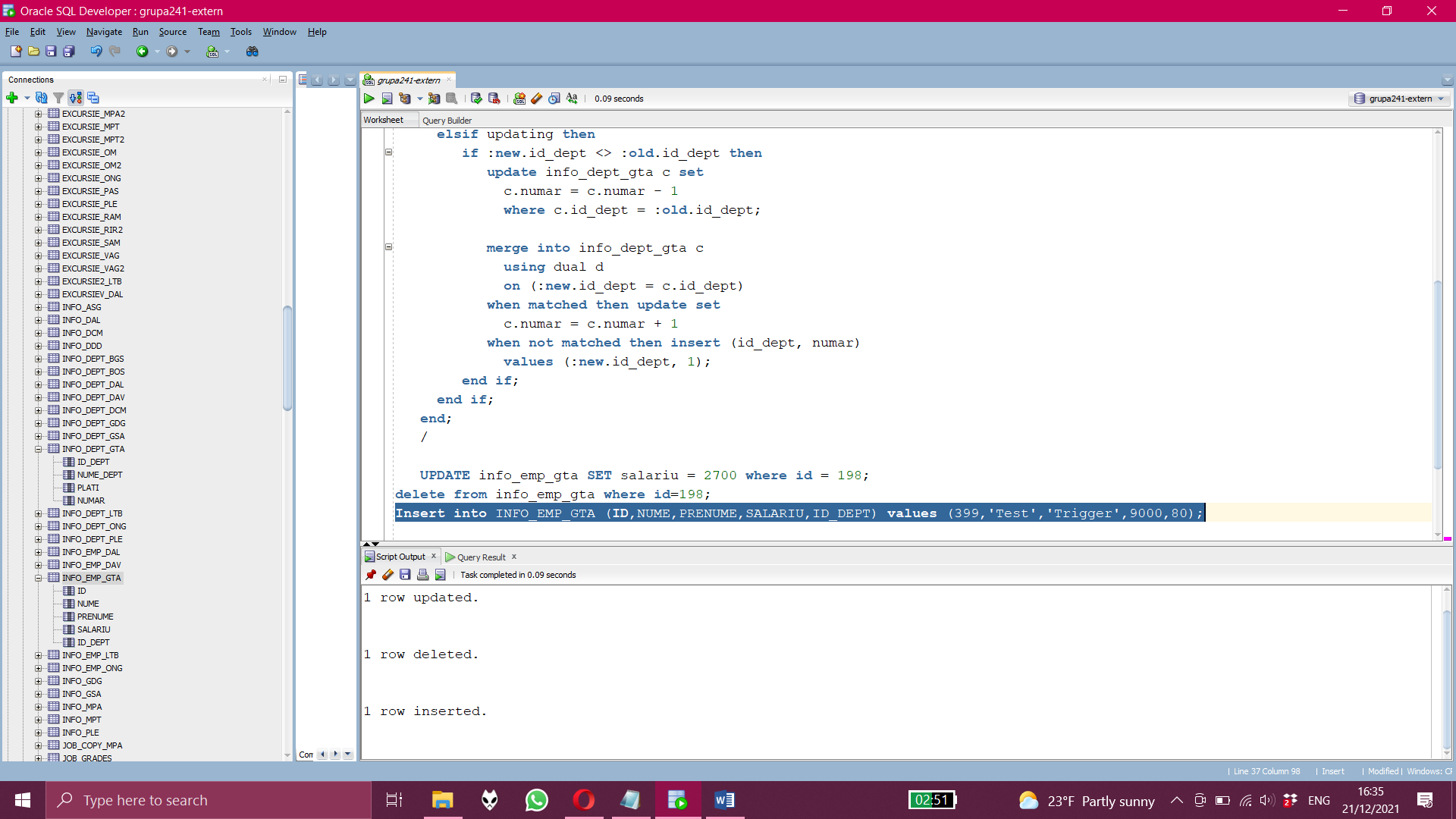
/\*Aici compilez triggerul, compileaza cu succes\*/



/\*Aici rulez o comanda de update in tabel\*/



/\*Aici rulez o comanda de delete in tabel\*/

/\*Aici rulez o comanda de insert in tabel. Toate aceste comenzi sunt incluse in trigger astfel incat trigger-ul este apelat la fiecare astfel de comanda\*/