--Adaptare cerinta 5: Id-ul spitalului cu cei mai multi medici

VARIABLE hosp\_id NUMBER

BEGIN

SELECT hospital\_id

INTO :hosp\_id

FROM hospitals\_medics\_t

GROUP BY hospital\_id

HAVING COUNT(medic\_id) =

(SELECT MAX(COUNT(medic\_id))

FROM hospitals\_medics\_t

GROUP BY hospital\_id);

dbms\_output.put\_line('Spitalul cu numar maxim de angajati: ' || :hosp\_id);

EXCEPTION

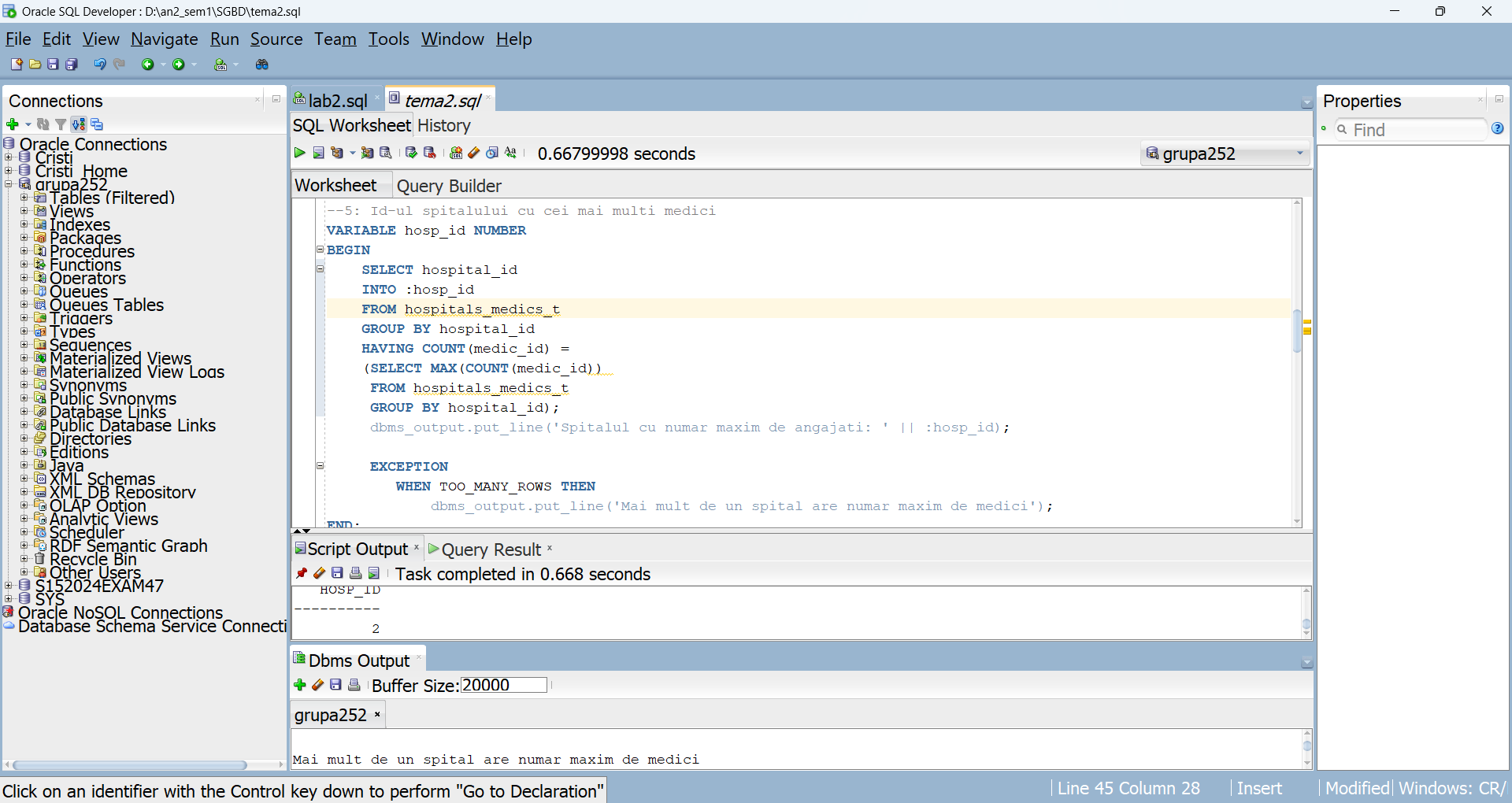
WHEN TOO\_MANY\_ROWS THEN

dbms\_output.put\_line('Mai mult de un spital are numar maxim de medici');

END;

/

PRINT hosp\_id;



/\*Adaptare cerinta 7: Salariul anual si bonusul unui medic primit de la tastatura

Avand in vedere ca un medic poate lucra la mai multe spitale

Vom insuma salariile anuale de la fiecare

Regula de bonus este prezentata mai jos\*/

VARIABLE m\_salary NUMBER

VARIABLE m\_bonus NUMBER

DECLARE medic\_id\_in medics.medic\_id%TYPE := '&medic\_id\_in';

BEGIN

SELECT SUM(salary \* 12) INTO :m\_salary

FROM hospitals\_medics\_t

GROUP BY medic\_id HAVING medic\_id = medic\_id\_in;

IF :m\_salary >= 100000

THEN :m\_bonus:= 20000;

ELSIF :m\_salary BETWEEN 55000 AND 100000

THEN :m\_bonus:= 10000;

ELSE :m\_bonus:= 5500;

END IF;

dbms\_output.put\_line('Medicul cu id-ul ' || medic\_id\_in || ' are bonusul ' || :m\_bonus);

--In cazul in care id\_ul nu se afla in baza de date afisam pe ecran astfel

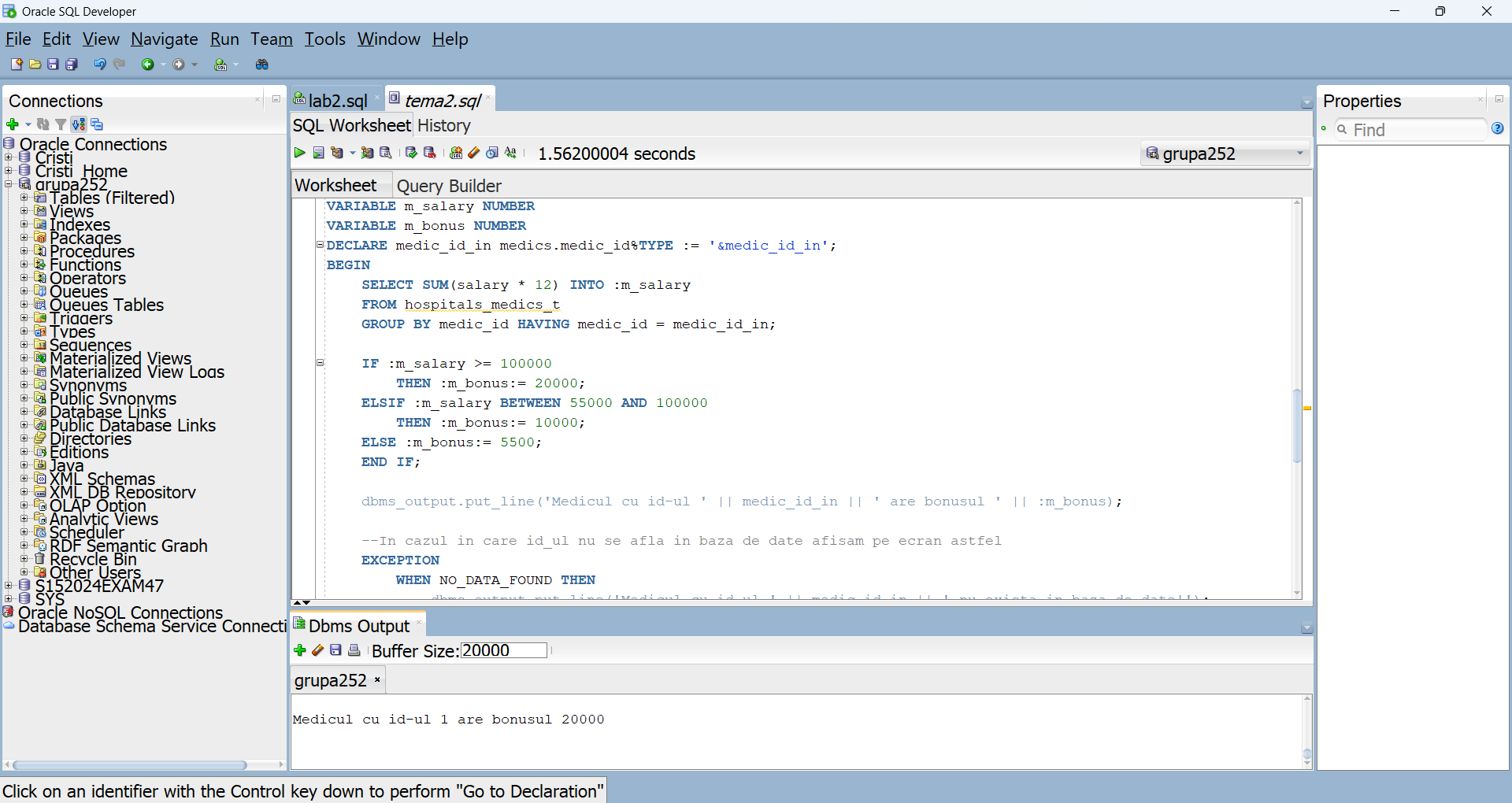
EXCEPTION

WHEN NO\_DATA\_FOUND THEN

dbms\_output.put\_line('Medicul cu id-ul ' || medic\_id\_in || ' nu exista in baza de date!');

END;

/



/\*Adaptare cerinta 9: Primind de la tastatura

un medic\_id, o specializare, si un procent

schimbam specializare medicului si la anii de experienta adaugam procentul\*/

SET VERIFY OFF;

--Inainte de update

SELECT \* FROM medics\_t;

DECLARE

v\_medic\_id medics\_t.medic\_id%TYPE := '&m\_id';

v\_spec\_id medics\_t.specialization\_id%TYPE := '&spec\_id';

v\_year\_percent NUMBER(8) := '&y\_percent';

BEGIN

UPDATE medics\_t SET

specialization\_id = v\_spec\_id,

years\_exp = years\_exp + (v\_year\_percent \* years\_exp) / 100

WHERE medic\_id = v\_medic\_id;

--Daca medicul nu se afla in baza de date afisam astfel

IF SQL%ROWCOUNT =0 THEN

dbms\_output.put\_line('Medicul cu id-ul ' || v\_medic\_id || ' nu exista in baza de date!');

ELSE DBMS\_OUTPUT.PUT\_LINE('Actualizare realizata');

END IF;

END;

/

--Dupa update

SELECT \* FROM medics\_t;

ROLLBACK;

SET VERIFY ON;

