Stanescu Maria-Raluca

Grupa 132

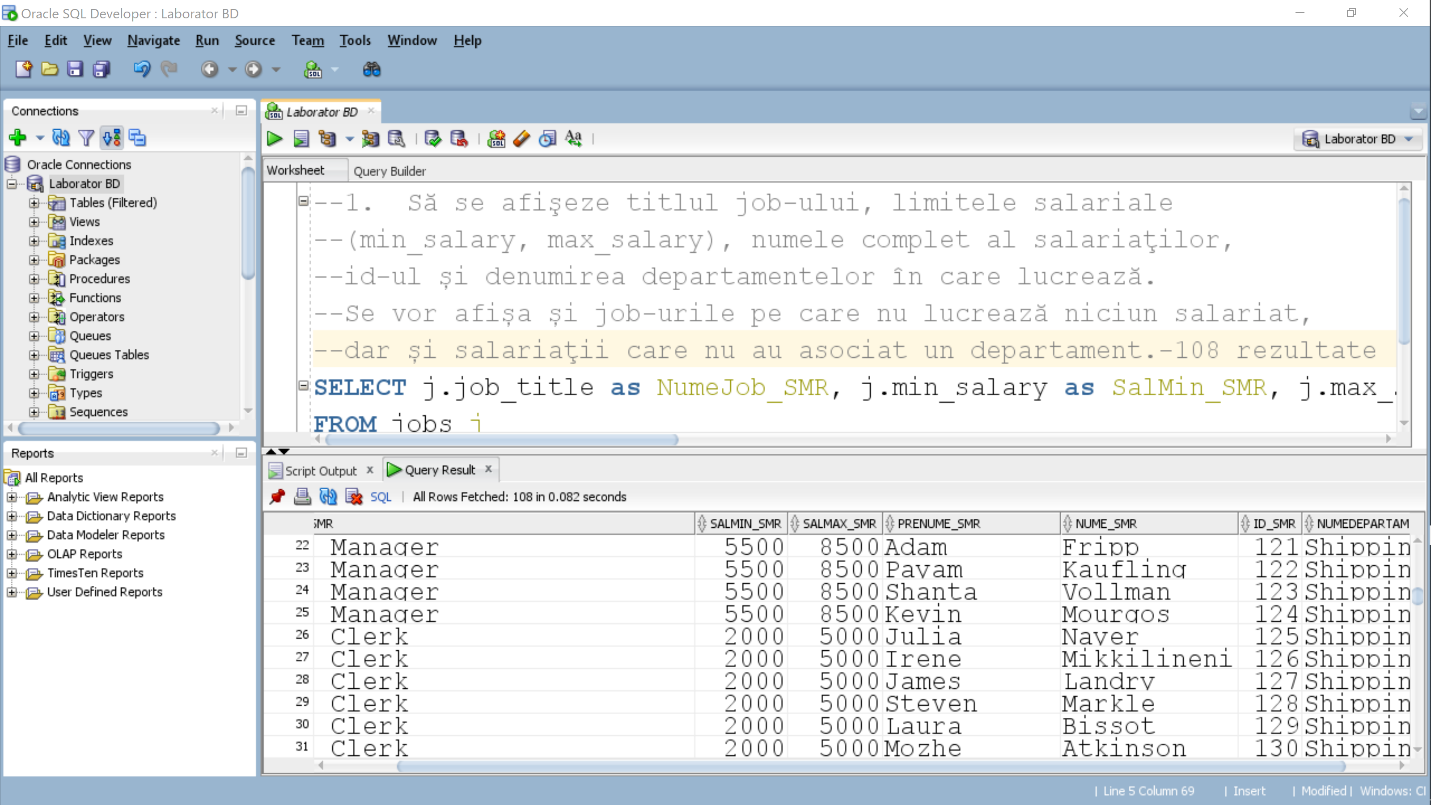
Tema 2

1. SELECT j.job\_title as NumeJob\_SMR, j.min\_salary as SalMin\_SMR, j.max\_salary as SalMax\_SMR, e.first\_name as Prenume\_SMR,e.last\_name as Nume\_SMR,e.employee\_id as ID\_SMR,d.department\_name as NumeDepartament\_SMR

FROM jobs j

LEFT OUTER JOIN employees e ON (j.job\_id=e.job\_id)//parcurgem employees si verificam egalitatea pt //job\_id

LEFT OUTER JOIN departments d ON (d.department\_id = e.department\_id) )//parcurgem departments si verificam egalitatea pt department\_id



2. SELECT 'Departamentul ' || d.department\_name || ' este condus de ' || NVL(TO\_CHAR(d.manager\_id), 'nimeni') || ' si nu are salariati.' as INFO\_SMR

FROM departments d

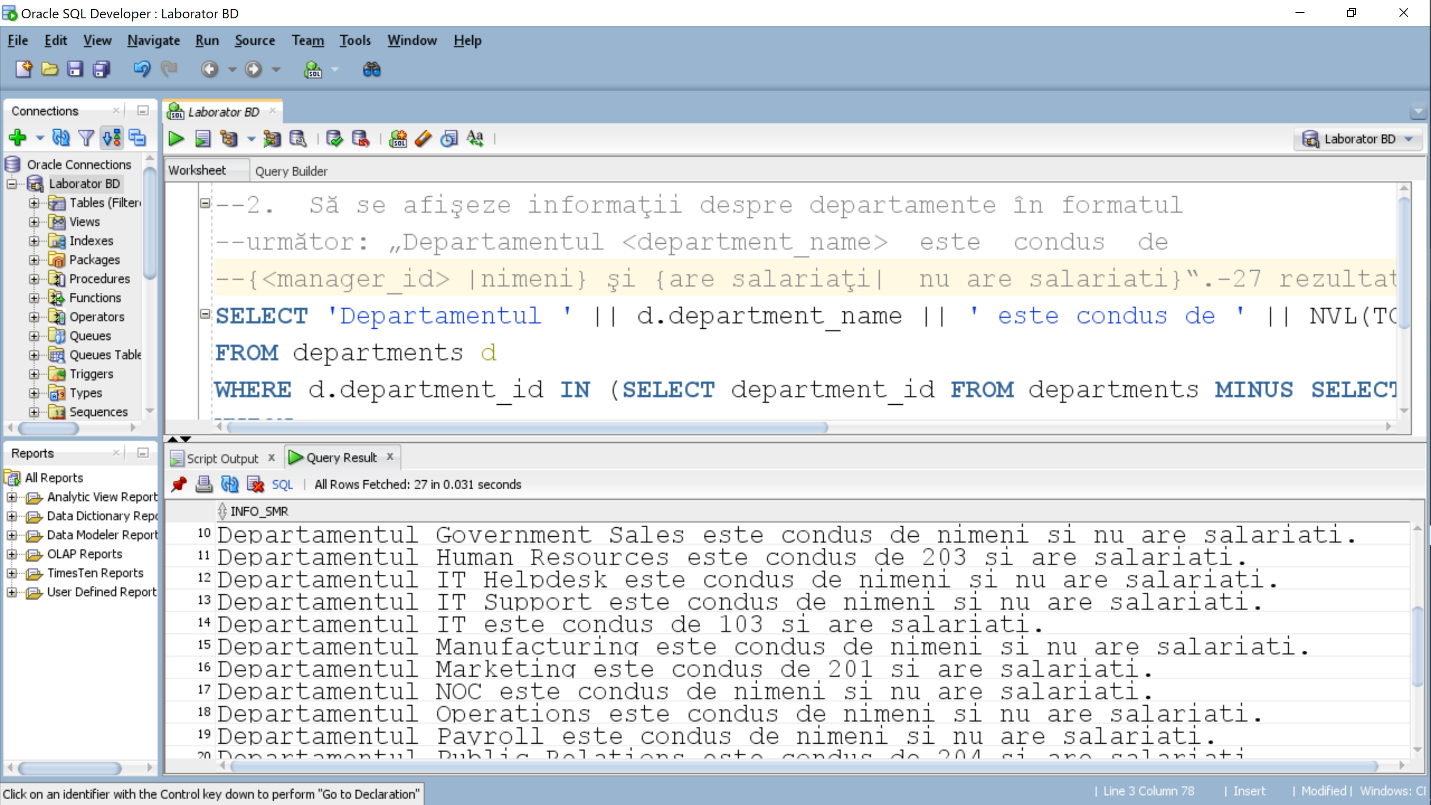
WHERE d.department\_id IN (SELECT department\_id FROM departments MINUS SELECT department\_id FROM employees)

UNION // intersectam departamentele cu angajati cu cele fara.

SELECT 'Departamentul ' || d.department\_name || ' este condus de ' || NVL(TO\_CHAR(d.manager\_id), 'nimeni') || ' si are salariati.' as INFO\_SMR//folosim nvl pentru afisarea a ‚’nimeni ’ in cazul d.manager\_id is NULL

FROM departments d

WHERE d.department\_id NOT IN (SELECT department\_id FROM departments MINUS SELECT department\_id FROM employees)



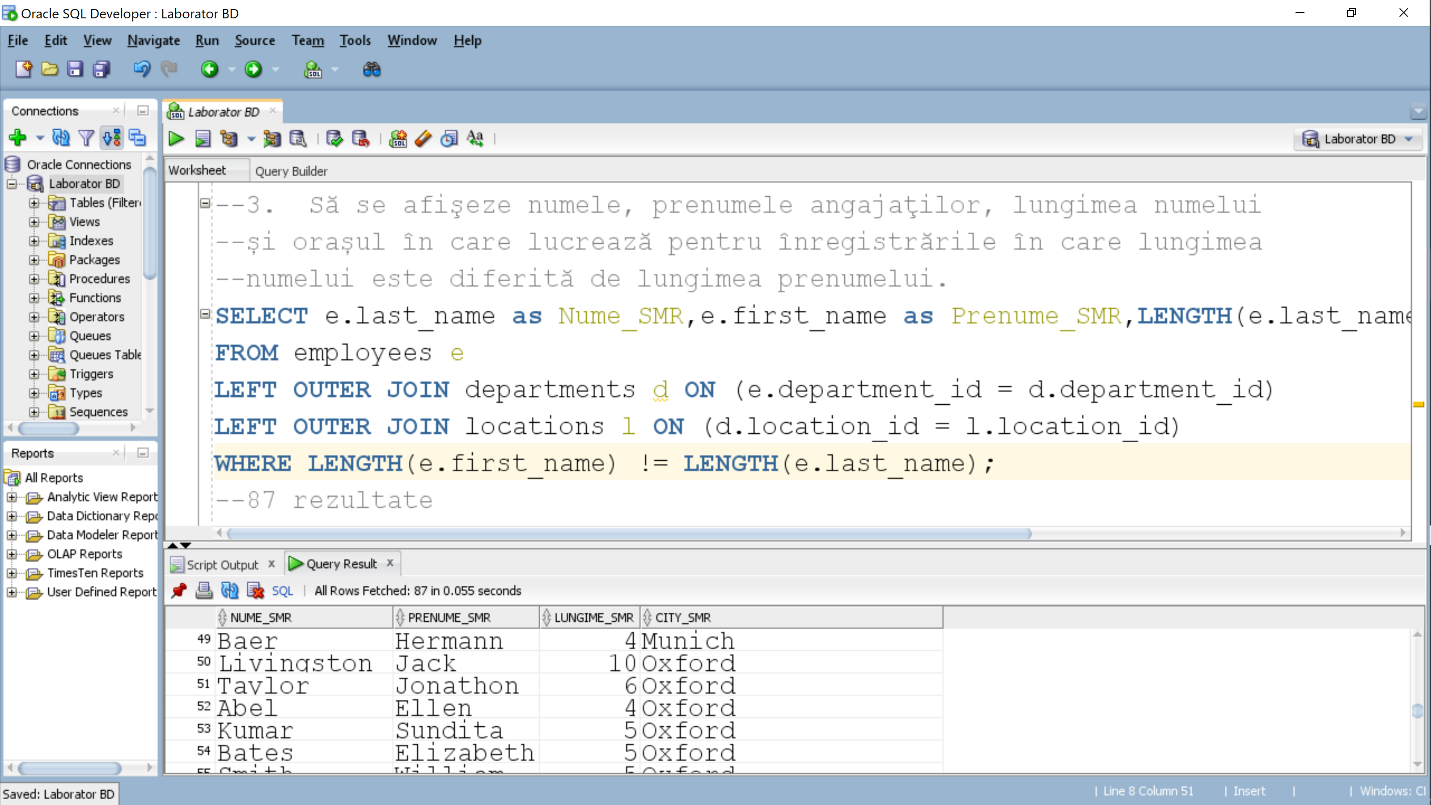
3. SELECT e.last\_name as Nume\_SMR,e.first\_name as Prenume\_SMR,LENGTH(e.last\_name) as Lungime\_SMR,l.city as City\_SMR //selectam datele pt afisare

FROM employees e

LEFT OUTER JOIN departments d ON (e.department\_id = d.department\_id)//parcurgem departments si //verificam egalitatea dintre id-uri

LEFT OUTER JOIN locations l ON (d.location\_id = l.location\_id)//parcurgem locations si verificam //egalitatea dintre id-uri

WHERE LENGTH(e.first\_name) != LENGTH(e.last\_name);//conditia pentru lungime diferita a numelui si //prenumelui



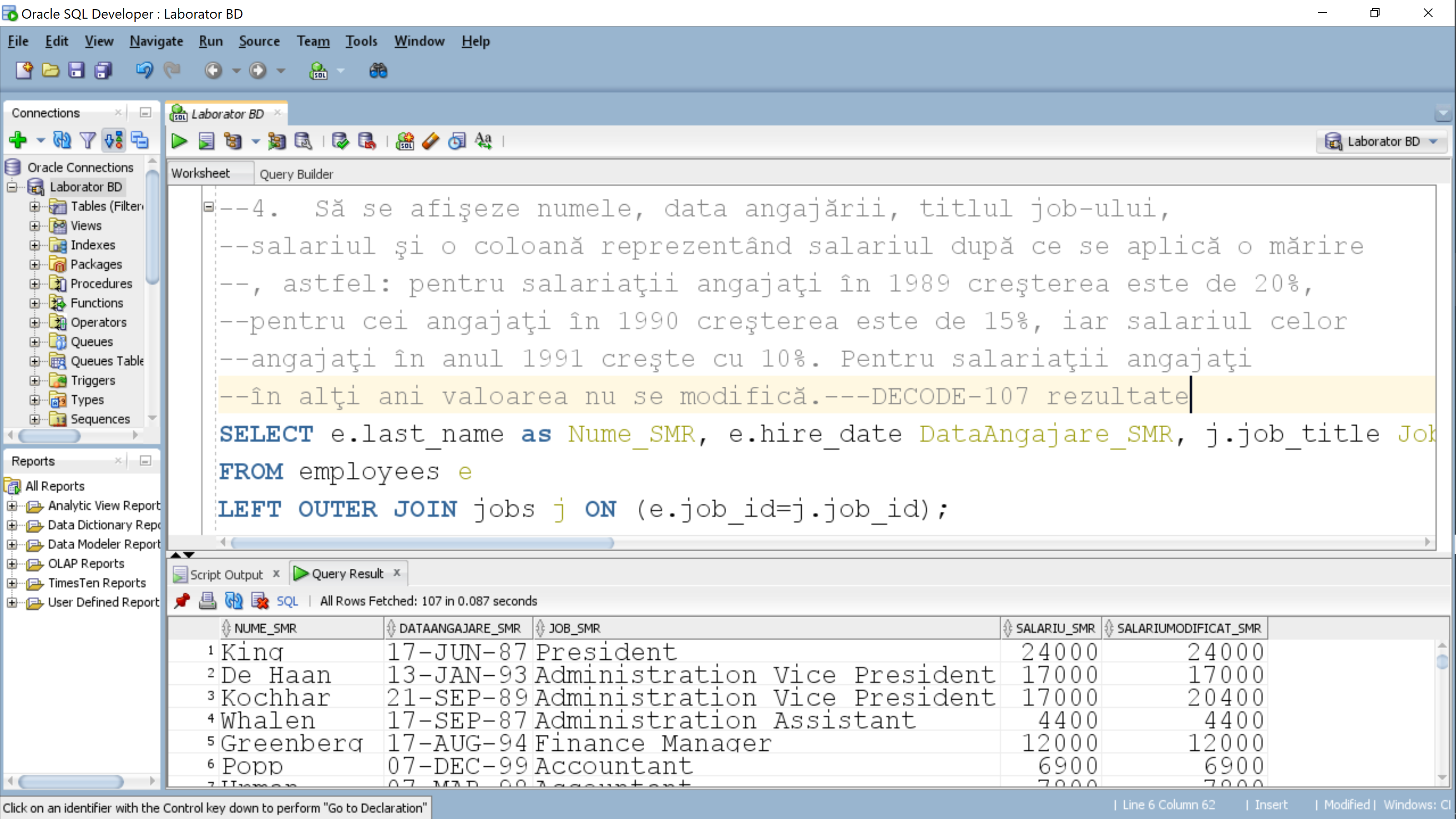
4.

1.Decode

SELECT e.last\_name as Nume\_SMR, e.hire\_date DataAngajare\_SMR, j.job\_title Job\_SMR, e.salary Salariu\_SMR, DECODE(EXTRACT(YEAR FROM e.hire\_date), 1989, 1.2\*e.salary, 1990, 1.15\*e.salary,1991, 1.1\*e.salary, e.salary) as SalariuModificat\_SMR // cautam cu decode anul angajarii si marim salariile in functie de anul angajarii(1989.1990,1991) , iar in pentru restul angajatilor salariul ramane acelasi

FROM employees e

LEFT OUTER JOIN jobs j ON (e.job\_id = j.job\_id);



2.Case

SELECT e.last\_name as Nume\_SMR, e.hire\_date as DataAngajare\_SMR, j.job\_title as Job\_SMR, e.salary as Salariu\_SMR,

CASE

WHEN EXTRACT(YEAR FROM e.hire\_date) = 1989 THEN 1.2 \* e.salary

WHEN EXTRACT(YEAR FROM e.hire\_date) = 1990 THEN 1.15 \* e.salary

WHEN EXTRACT(YEAR FROM e.hire\_date) = 1991 THEN 1.1 \* e.salary

ELSE e.salary //modificam salariul cu ajutorul case si folosim else pentru a pastra acelasi salariu pentru //angajatii cu hire\_date diferit de 1989,1990,1991.

END as SalariuModificat\_SMR

FROM employees e

LEFT OUTER JOIN jobs j ON (e.job\_id = j.job\_id);

