Tema 5

a)

declare

v\_job\_title jobs.job\_title%type;

v\_job\_id jobs.job\_id%type;

v\_name employees.last\_name%type;

v\_salary employees.salary%type;

cursor job\_cursor is

select distinct job\_title, job\_id

from jobs;

cursor employee\_cursor(v\_job\_id jobs.job\_id%type) is

select e.last\_name, e.salary

from employees e

where e.job\_id = v\_job\_id;

begin

open job\_cursor;

loop

fetch job\_cursor into v\_job\_title, v\_job\_id;

exit when job\_cursor%notfound;

open employee\_cursor(v\_job\_id);

dbms\_output.put\_line('Job: ' || v\_job\_title);

loop

fetch employee\_cursor into v\_name, v\_salary;

exit when employee\_cursor%notfound;

dbms\_output.put\_line('Angajat: ' || v\_name || ', Salariu: ' || v\_salary);

end loop;

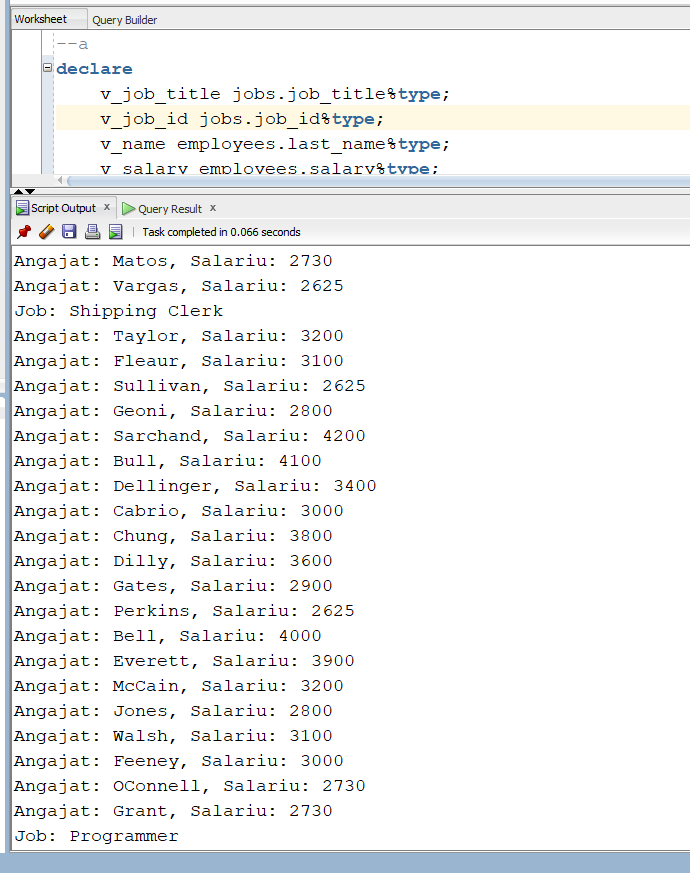
close employee\_cursor;

end loop;

close job\_cursor;

end;

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b)

declare

v\_name employees.last\_name%type;

v\_salary employees.salary%type;

begin

for job\_rec in (select distinct job\_title, job\_id from jobs) loop

dbms\_output.put\_line('Job: ' || job\_rec.job\_title);

for emp\_rec in (select e.last\_name, e.salary from employees e where e.job\_id = job\_rec.job\_id) loop

dbms\_output.put\_line('Angajat: ' || emp\_rec.last\_name || ', Salariu: ' || emp\_rec.salary);

end loop;

end loop;

end;

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d)

declare

cursor job\_cursor is

select job\_title, job\_id

from jobs;

cursor employee\_cursor(p\_job\_id jobs.job\_id%type) is

select last\_name, salary

from employees

where job\_id = p\_job\_id;

v\_job\_title jobs.job\_title%type;

v\_job\_id jobs.job\_id%type;

v\_name employees.last\_name%type;

v\_salary employees.salary%type;

begin

open job\_cursor;

loop

fetch job\_cursor into v\_job\_title, v\_job\_id;

exit when job\_cursor%notfound;

dbms\_output.put\_line('Job: ' || v\_job\_title);

open employee\_cursor(v\_job\_id);

loop

fetch employee\_cursor into v\_name, v\_salary;

exit when employee\_cursor%notfound;

dbms\_output.put\_line('Angajat: ' || v\_name || ', Salariu: ' || v\_salary);

end loop;

close employee\_cursor;

end loop;

close job\_cursor;

end;

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