# Tema 6 - SGBD

```sql
-- copia pt locatii :)
create table locations_rrobitu as
select
    location_id,
    city,
    country_id
from locations;
-- sa se afiseze pentru fiecare locatie departamentele aferente si
-- pentru fiecare departament angajatii care au salariul mai mare decat salariul
mediu al departamentului respectiv
declare
    cursor c_locations is
        select location_id, city
        from locations_rrobitu;

    cursor c_departments(p_location_id locations.location_id%type) is
        select department_id, department_name
        from dept_rrobitu
        where location_id = p_location_id;

    cursor c_employees(p_dept_id departments.department_id%type, p_avg_salary
number) is
        select first_name, salary
        from emp_rrobitu
        where department_id = p_dept_id
          and salary > p_avg_salary;

    v_avg_salary number;
begin
    for l in c_locations loop
        dbms_output.put_line('Oras: ' || l.city);

        for d in c_departments(l.location_id) loop
            select avg(salary)
            into v_avg_salary
            from employees
            where department_id = d.department_id;

            dbms_output.put_line('    ' || 'Departament: ' || d.department_name);

            for e in c_employees(d.department_id, v_avg_salary) loop
                dbms_output.put_line('        ' || 'Angajat: ' || e.first_name || ' ' || e.salary);
```

```
        end loop;
      end loop;
   end loop;
end;
/
```