

# Pop Ruxandra Maria grp6

## 6-4: Self Joins and Hierarchical Queries

### Vocabulary

- 1.self join
- 2.hierarchical query
- 3.Level
- 4.Start with
- 5.connect by

### Try It / Solve It

1.**select** emp.last\_name "Employee",emp.employee\_id "Emp#",mg.last\_name "Manager",mg.employee\_id "Mgr#" **from** employees emp **join** employees mg **on**( emp.manager\_id = mg.employee\_id)

2.**select** emp.last\_name "Employee",emp.employee\_id "Emp#",mg.last\_name "Manager",mg.employee\_id "Mgr#" **from** employees emp **left outer join** employees mg **on**( emp.manager\_id = mg.employee\_id)

3.**select** emp.last\_name "Employee", emp.hire\_date "Emp Hired", mg.last\_name "Manager", mg.hire\_date "Mgr Hired" **from** employees emp **left outer join** employees mg **on**(emp.manager\_id = mg.employee\_id) **where** emp.hire\_date < mg.hire\_date

4.**select** last\_name,salary,department\_id **from** employees **start with** first\_name='Lex' and last\_name='De Haan' **connect by prior** employee\_id=manager\_id

5.**CONNECT BY PRIOR** manager\_id = employee\_id;  
—aceasta linie ne spune sa plecam de la Frunze spre baza dar King este insusi baza(super-boss).Deci conform sql nu este nimic gresit doar ca logic ar trebui sa scriem employee\_id= manager\_id

6.**select** lpad(last\_name,length(last\_name) + (LEVEL-1)\*2, '-') "organization chart " **from** employees **start with** last\_name = ( select last\_name from employees where manager\_id is null) **connect by prior** employee\_id = manager\_id;

7.**select** lpad(last\_name,length(last\_name) + (LEVEL-1)\*2, '-') "organization chart " **from** employees **start with** last\_name = ( select last\_name from employees where manager\_id is null) **connect by prior** employee\_id = manager\_id and last\_name !='De Haan'