**Section 3.4**

**Blake Raphael**

1. SELECT e.last\_name, e.salary, e.department\_id, d.department\_name

FROM employees e JOIN departments d ON (e.department\_id = d.department\_id)

START WITH last\_name = 'Mourgos'

CONNECT BY PRIOR e.employee\_id = e.manager\_id

1. 1. The output is “Last Name: King, Department ID: 90, Salary: 24000” and the employee selected is Steven King.
   2. The entire Hierarchy can be output by switching the manager\_id and the employee\_id around in the CONNECT BY PRIOR clause of the statement.
2. SELECT LPAD(last\_name, LENGTH (last\_name) + (LEVEL\*2)-2,'-') AS "Organization chart"

FROM employees

START WITH last\_name = 'King'

CONNECT BY PRIOR employee\_id = manager\_id

1. SELECT ‘Level ‘ || LEVEL || ‘: ‘ || last\_name || ‘ reports to ‘ || PRIOR last\_name AS “King-DeHaan Hierarchy”  
   FROM employees  
   START WITH last\_name = ‘King’  
   CONNECT BY PRIOR employee\_id = manager\_id  
   AND last\_name != ‘De Haan’  
   ORDER BY LEVEL