

employee (*employee_name*, *street*, *city*)
works (*employee_name*, *company_name*, *salary*)
company (*company_name*, *city*)
manages (*employee_name*, *manager_name*)

Figure 3.20 Employee database for Exercises 3.9, 3.10, 3.16, 3.17, and 3.20.

- 3.9 Consider the employee database of Figure 3.20, where the primary keys are underlined. Give an expression in SQL for each of the following queries.
- Find the names and cities of residence of all employees who work for “First Bank Corporation”.
 - Find the names, street addresses, and cities of residence of all employees who work for “First Bank Corporation” and earn more than \$10,000.
 - Find all employees in the database who do not work for “First Bank Corporation”.
 - Find all employees in the database who earn more than each employee of “Small Bank Corporation”.
 - Assume that the companies may be located in several cities. Find all companies located in every city in which “Small Bank Corporation” is located.
 - Find the company that has the most employees.
 - Find those companies whose employees earn a higher salary, on average, than the average salary at “First Bank Corporation”.