

Consider the following employee database. Primary keys are underlined. Write your answer in **relational algebra** for each of the following query.

EMPLOYEE (Employee-Name, Street, City)

WORKS (Employee-Name, Company-Name, Salary)

Company (Company-Name, City)

- a) Find the name of each employee who works for Bank of Capital.
- b) Find the name, street address, and city of residence of each employee who earns more than \$40,000 per year by working for Bank of Capital.
- c) Find the name of each employee who works for at least one company.
- d) Find the name of each employee who doesn't work for Bank of Capital.
- e) Find the name of each company located in every city in which Bank of Capital is located.