create table lives
  (person-name char(20) not null,
   street char(30),
   city char(10),
   primary key (person-name))

create table works
  (person-name char(20) not null,
   company-name char(20) not null,
   salary integer,
   primary key (person-name, company-name),
   foreign key (person-name) references lives,
   foreign key (company-name) references located-in))

create table located-in
  (company-name char(20) not null,
   city char(10),
   primary key (company-name))

create table manages
  (person-name char(20) not null,
   manager-name char(20) not null,
   primary key (person-name, manager-name),
   foreign key (person-name) references lives(person-name),
   foreign key (manager-name) references lives(person-name))