

BANK(name, hq-address, web-site, email)
PRIMARY KEY = (name)
CANDIDATE KEY-1 = (hq-address)
CANDIDATE KEY-2 = (web-site)
CANDIDATE KEY-3 = (email)

BRANCH(bank-name, name, city, street, bldg#, total-employees, manager)
PRIMARY KEY = (bank-name, name)
CANDIDATE KEY = (city, street, bldg#)
FOREIGN KEY-1 = (bank-name) REFERENCES BANK(name)
FOREIGN-KEY-2 = (manager) REFERENCES EMPLOYEE(number)

EMPLOYEE(number, first-name, last-name, dob, position, bank-name, name)
PRIMARY KEY = (number)
CANDIDATE KEY = (first-name, last-name, dob)
FOREIGN KEY = (bank-name, name)
REFERENCES BRANCH(bank-name, name)

ACCOUNT(number, balance, type)
PRIMARY KEY = (number)

LOCAL-TRANSACTION(employee-number, account-number, tdate, ttime, amount-involved)
PRIMARY KEY = (employee-number, account-number, tdate, ttime)
FOREIGN KEY-1 = (employee-number) REFERENCES EMPLOYEE(number)
FOREIGN KEY-2 = (account-number) REFERENCES ACCOUNT(number)

OVERSEAS-TRANSACTION(employee-number, account-number, tdate, ttime, amount-involved, country)
PRIMARY KEY = (employee-number, account-number, tdate, ttime)
FOREIGN KEY-1 = (employee-number) REFERENCES EMPLOYEE(number)
FOREIGN KEY-2 = (account-number) REFERENCES ACCOUNT(number)