1

Bank Branch

Branch\_ Number (Foreign Key) Number

Address varchar(50)

**Code (Foreign Key) Number**

Bank

**Code (PrimaryKey) Number**

Name varchar(25)

Address varchar(50)

∞

1 1

Account

AccountNumber(Primary key) Number

Balance Number

Type Number

Branch\_ Number (Foreign Key) Number

∞ ∞

Loan

LoanNumber(Primary key) Number

Amount Number

Type Varchar(10)

Branch\_ Number (Foreign Key) Number

1

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∞

Customer

SSN (Primary key) Number

Name varchar(50)

Address varchar(50)

Phone Number

AccountNumber(Foreign Key) Number

Loan Account number(Foreign Key) Number

Branch\_ Number (Foreign Key) Number

**Code (Foreign Key) Number**

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∞

∞

“------“dotted lines means it is just a foreign key and “\_\_\_\_\_\_”solid lines means it is a foreign key and the key is a primary key in the table that references it.

Solution:

1. Primary Key:

Code,

Account Number

Loan Number

SSN

1. Foreign Key:

Code

Branch Number

Account Number

Loan Number

SSN