

**Date:**

**Name 1:**

**Name 2:**

Relation Accounts

AccNo	Type	Balance
12345	Savings	12000
23456	Chequing	1000
34567	Savings	25

Relation Customers

Attributes

Tuples

FirstName	LastName	IdNo	Account
Robbie	Banks	901-222	12345
Lena	Hand	805-333	12345
Lena	Hand	805-333	23456

For the current instance of the database above, answer the following questions:

1. What are the attributes of each relation?
2. What are the tuples in each relation?
3. Can you determine the domain and the primary key of a relation from one of its instances?
  - 3.1 Can you do it for the relations above?
4. What is the schema of the database?
5. Find another equivalent instance of the Accounts relation

1) Accounts:

AccNo, Type, Balance

Customers:

FirstName, Lastname, IdNo, Account

2) The tuples are marked in the previous page.

3) No. 3.1) No.

4) Accounts ( AccNo, Type, Balance )

Customers ( Firname, Lastname, IdNo, Account )

From context we assume AccNo and IdNo are primary keys. We cannot derive PKs from an instance (See Q3)

5) Same tuples in different order.