

CA218 Introduction to Database
Indicative solution for independent learning 1

1. Describe the 3 tables.

The three tables represent the data related to managing commercial properties. The first table is used to store properties and their details. It has eight attributes and six tuples; the second table stores private owners. It has five attributes and four tuples. The third table stores clients who look for renting houses. It has seven attributes and four tuples. The three tables are related and are organised systematically.

2. What is the name of each table?

- PropertyForRent
- PrivateOwner
- Client

3. What are the names of the attributes?

For PropertyForRent the attribute names are
propertyNo, street, city, postcode, type, rooms, rent, ownerNo

For PrivateOwner the attribute names are
ownerNo, fName, lName, address

For Client
clientNo, fName, lName, address

4. What attributes link the tables? What tables are linked by what attributes?

PropertyForRent and PrivateOwner are linked with ownerNo attribute

5. Identify 2 records (rows or tuples) from different tables that are connected.

Two records that are linked together by owner Number. This means, the property PG16 is owned by owner C093.

PG16, 5Novara Dr, Glasgow, G12 9AX, Flat, 4, 450, CO93 and
C093, Tony, Shaw, "12 Park Pl, Glasgow G40QR", 0141-225-7025 are related