To prepare for this homework session, see if you can answer the following questions.

The answers will be provided during the presentation.

1. What characteristic of a field in a table is required before it can be a primary key?

2. Tables within a database can make use of compound keys and surrogate keys. What is the difference between a compound key and a surrogate key?

3. Suggest suitable data types for the following fields

Field Name	Data Type		Field Length
ID number		Primary Key	
Name		Required	30
Address		Required	50
Date of Birth		Required	
Telephone number			13
Photo			

4. Tables can be related by different types of relationships. State the type of relationship between the tables in each of these two cases.

    a) Students and Courses

    b) Students and School