CHAPTER 2: DATABASE ORGANISATION

Meaning of Database Organization
Definition of a database organization refers to the format of the user attribute tables as well as the specification of any topological structures such as layers and networks.

Database Organization – Types/Approaches
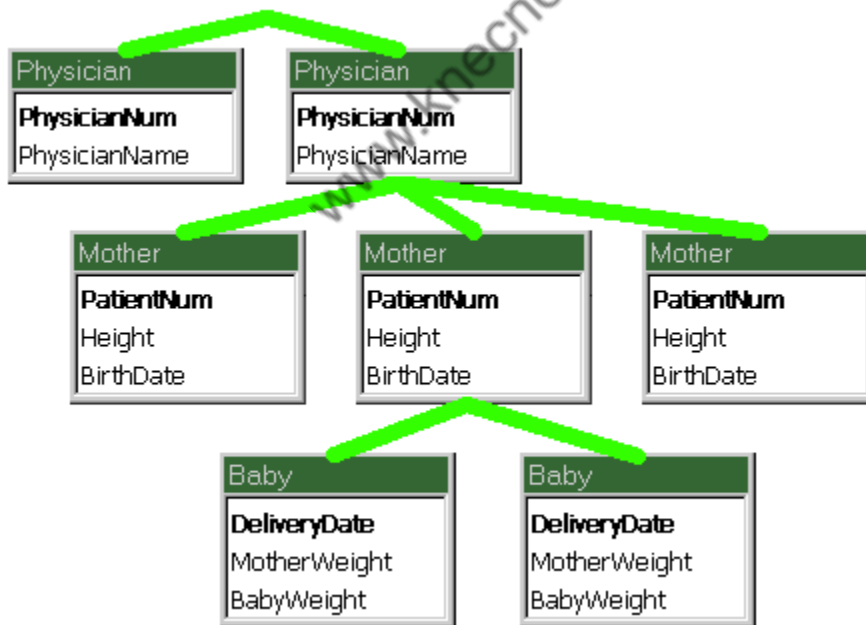Four main types of database organization:

- Flat
- Hierarchical
- Relational
- Object-oriented

Flat databases

A single kind of record with a fixed number of fields.

Notice the repetition of data, and thus an increased chance of errors.

Hierarchical databases

Hierarchical relationships among different types of data.

- can be very easy to answer some questions, but very difficult to answer others