1. What is a data model?
   * Explains what should be stored and how it should be organized in DB
2. Name 2 types of Data Models and give some examples for each.
   * High – Level conceptual Model – ER Diagram
   * Record based logical model – Rational database diagram
3. Consider the steps in the database design process.
4. What are the goals of each step?
   * Requirement Analysis – determine the data requirements
   * Conceptual database design – information gathered used to create high level descriptions which means ER diagrams.
   * Logical database design – Convert ER diagrams/Conceptual Schema to Rational data model.
   * Schema refinement – Normalization (technique of organizing data in database)
   * Physical database design – optimized performance while ensuring data integrity by avoiding data redundancies.
   * Security design - Implement Controls to ensure security and integrity.
5. In which step is the ER Model used?

* Conceptual database Design

1. In which step is the Relational Data Model used?
   * Logical Database design

\*End of the Tutorial\*\*