P01RQ Chapter 1 Review Answers

1. Store data in database
2. Raw information
3. Information is data that has been processed into meaningful results that can be used by users
4. Relational Database management System
5. A relational database is an organized collection of related tables containing data that can be manipulated and/or tables joined to provide information to users
6. Database Development Life Cycle
7. Database Planning, Requirements Analysis, Database Design, Database Build (Database Development), Database Testing, Database Deployment, Database Maintenance and Support
8. The purpose of requirement analysis is gathering the business requirements for the database
9. graphical representation of the database
10. Information Engineering (IE) notation and Barker notation
11. the process of applying rules called normal forms to table structures that produce a design that is free of data redundancy and other anomalies in the database
12. 3 forms are required by industry - first normal form, second normal form, and third normal form
13. The relational data model is the transformation of the entity relationship diagram representing entities, attributes, and relationships into a relational data model representing database tables, columns, and relationships between tables.
14. DDL(Data Definition Language)

DML (Data Manipulation Language)

DCL (Data Control Language)

TCL (Transaction Control Language)

1. Data Definition Language (DDL)
2. Data Manipulation Language (DML)