Competency 8-Designs and develops database systems to manage data efficiently and effectively.

8.1 Learns the basics of information and data, and the need for databases.

1. Describe data and information.
2. Describe the differences between Structured data Vs. Unstructured data.
3. Define the term of "Database".
4. What is a database system?
5. Database management systems are designed to avoid weaknesses in the mechanism of manual file systems. What are the differences between these two database systems?
6. Describe the four components of a database system.
7. Describe the term of "Database Management System" and write 03 functions of it.
8. Explain two database models.