

TUTORIAL WEEK 1

Multiple Choice Questions

- 1) Which of the following is a format in which data can appear?
 - A) Text
 - B) Numbers
 - C) Image
 - D) All of the above

- 2) FirstName is an example of:
 - A) Data
 - B) Metadata
 - C) Data Type
 - D) DBMS

- 3) Which of the following is a component of a database system?
 - A) Database
 - B) DBMS
 - C) Front-end applications
 - D) All of the above

- 4) Database implementation involves using _____ to implement the database model as an actual database.
 - A) Front-end applications
 - B) DBMS
 - C) Database system
 - D) Indirect interaction

- 5) _____ are in charge of implementing the database model as a functioning database using the DBMS software.
 - A) Database analysts
 - B) Database architects
 - C) Database developers
 - D) DBAs

True/False Questions

- 1) The term information refers to the data that is accessed by a user for some particular purpose.
- 2) Indirect interaction requires that the end user knows how to issue commands to the specific DBMS.
- 3) The new version of a database is created following the same development steps as the

initial version.

- 4) A DBMS can be used for creation of databases.
- 5) During a proper requirements collection process, the requirements can be added iteratively and implicitly.

Structured Questions

- 1) Explain the relationship between the terms data and information.
- 2) What is the purpose of a DBMS?
- 3) Illustrate a typical database system architecture.
- 4) Describe the two types of interaction between the end user and the database.
- 5) Using an example, describe the relationship between a DBMS and a database