CIT6114 - Database Fundamentals

Lab 1

Part A: Discussion

Q1.   What is the difference between data and information? Give ONE example for each of them.

Q2.   What is a DBMS? Name a few examples of DBMS. Name the functions of a DBMS.

Q3.   List the advantages of the database approach as compared to conventional file systems.

Q4.   Explain the FIVE major parts of a database system.

Q5.   What is data redundancy? Give an example to illustrate data redundancy.

Part B: IBM DB2

The credential for IBM DB2 are (if necessary)
Username: .\db2admin
Password: abc123

Explore IBM DB2 on your computer. Identify and get to know the functionalities of the following components:
1. Control Centre
2. Command Editor
3. Access the online Information Centre of IBM DB2. Study the information on CREATE DATABASE and CREATE TABLE commands.