Databases Homework 1

Submit on D2L in pdf format only.

Due January 21, 2025

Problem 1:

Install MySQL. You will need to generate an account with Oracle, but they are not misusing your email address. Install MySQLWorkbench. Do not forget to set and remember your password. This is not a trivial task.

Install Python 3 (current version is 3.18).

Install mysql.connector:
        pip3.18 install mysql-connector-python
This might need to be run with root privileges. On a Unix based OS, sudo will do. See https://dev.mysql.com/doc/connector-python/en/connector-python-installation-binary.html.

Run the enclosed Python script db.py. You will have to change your password. Then find the new database in the work bench and execute a select command that shows all entries in the one and only table. If you have problems, you can do this manually.

Submit a screenshot of the workbench with the result of the SELECT statement.

Problem 2:

Read Bachman's article. In your own words, briefly:

- Explain the record-at-a-time paradigm.d
- What was the first application for IDS?