

# Databases Homework 1

Submit on D2L in pdf format only.

Due January 26

## 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.

Install Python 3 (current version is 3.11).

Install mysql.connector:

`pip3 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. Then find the new database in the work bench and execute a select command that shows all entries in the one and only table.

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.
- What was the first application for IDS?