

CIS4301 Fall 2022 - Lab 1 - Environment Setup

1 Create CISE accounts and connect to SQLite

(1) Register a CISE account:

Visit <https://it.cise.ufl.edu/support/account-creation-and-management/> and follow the instructions to create your CISE account.

Note: the registration may take 2-3 business days to be approved by CISE. So please register for it as early as possible.

(2) Try to login to CISE servers:

After registering your account, try to login to any of the CISE servers listed on <https://it.cise.ufl.edu/support/servers/> which are described as “General Purpose Bastion Server”, like “storm.cise.ufl.edu”. You just need to follow the instructions on <https://it.cise.ufl.edu/support/remote-access/> to connect the server remotely using SSH. When you login to any server successfully, your CISE account works now.

Note: you will need to include your gatorlink username in the SSH command, like such (replace the “<gatorlink>” with your gatorlink username):

```
ssh <gatorlink>@storm.cise.ufl.edu
```

Then you will see a message letting you enter your gatorlink password in the terminal. **Note that your password will NOT show on your screen when you are typing it** (no characters, no asterisk symbols, just nothing shows up), which is normal due to the special mechanism of the operating system. Just type it and press the “Enter” key, then you will login to the server as long as the password is correct.

(3) Try SQLite on a CISE server:

Login to the CISE server as above, then run the following command in the terminal:

```
sqlite3 --version
```

You should see an output message like “3.31.1 2020-01-27 19:55:54” on the terminal. That means the SQLite works well on the server. Now the lab environment setup finishes.

2 Alternative: install SQLite on your local computer

You can also manually install and setup SQLite on your local computer instead of using CISE server. Here are some links for the instructions:

- [How to Install SQLite on Windows, Mac or Linux](#)
- [How To Download and Install SQLite Tools](#)
- [SQLite - Installation](#)

Note: the version of pre-built SQLite you can download from their official website is 3.39.2, while all the lab questions, lab quiz questions and solutions are made up and tested on CISE server whose SQLite version is 3.31.1. Though very rarely, there might be some slight differences between different versions of SQLite. And this issue (if happens) might cause your results to be different from the correct results provided by TA, even if your SQL queries are the same as the solutions. So if you select to install SQLite on your local computer instead of using CISE server, we still recommend you to register for the CISE account, just in case that you want to verify whether the different result is due to different SQLite versions.