

CSCI 485

Fall 2025

Instructions: Connecting to MongoDB at School

username: student's CSCI Linux login username.

password: student's student number

1. Connecting with mongosh

1. Open a **command prompt** (Windows) or **terminal** (macOS/Linux).
 2. Run the following command (replace <username> with your own student username):
 3. `mongosh "mongodb://<username>@studb-mongo.csci.viu.ca:27017/<username>_practice?authSource=admin" --password`
 4. Enter the password provided to you when prompted.
 5. Once inside the shell, switch to your project database:
 6. `use <username>_project`
 7. Try inserting a test document:
 8. `db.testcoll.insertOne({msg: "hello from project"})`
 9. Retrieve and display documents:
 10. `db.testcoll.find()`
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2. Connecting with VS Code (MongoDB Extension)

1. Install the **MongoDB for VS Code** extension from the Extensions Marketplace.
2. Open the **MongoDB view** in VS Code (look for the MongoDB leaf icon in the sidebar).
3. Click **"Add Connection"** and paste this connection string (replace <username>):
4. `mongodb://<username>@studb-mongo.csci.viu.ca:27017/<username>_practice?authSource=admin`

5. Enter your password when prompted.
 6. Expand the connection to see your databases (<username>_project etc.).
 7. You can run queries from the VS Code MongoDB playground (insert, find, etc.).
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Now you can explore your database either through mongosh or directly inside VS Code.

Password Reset

Once in mongosh, the user can use `db.changeUserPassword()` to change their own password. For example:

use admin

```
db.changeUserPassword("kawalstu", "newStrongPassword123")
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