

CSE 7345 Fall 2018  
Quest 6 MongoDB

Due Monday Oct 1

Use Mongo on the Lyle server or on your own machine.

**Part A.**

- Create a database (db) and add some documents to a collection of your choice
- Access the database from an external Python program
- Display some data from the collection and capture the output

**Part B.**

Mongo includes several components including:

- mongo the database shell
- mongos the sharding controller
- mongodump tool for backup and snapshots
- mongorestore tool to restore a dump
- mongoimport import from JSON or CSV
- mongofiles put and get from Mongo GridFS (documents exceeding 16 MB)
- mongostat show performance statistics
- system.js special collection for storing JavaScript code

Select one or more of the above and prepare a short (3-5 min) presentation and handout that can be included in a collection of examples for the class. Your handout should be organized as follows:

Category: mongoimport

Action: Load CSV file into mongo

Example:

Submit to Canvas:

- 1) A PDF that shows: Part A. - your Python code and output and Part B. Your handout
- 2) A Text file with your handout that can be pasted into a larger document.