**CS 20 Web Programming  
Assignment 13: NoSQL Practice**

## Deliverables

## PDF file with screenshot from part 1 and the command text from part 2.

## Objectives

Construct a MongoDB database.  
Become comfortable with MongoDb Atlas and the Mongo Shell commands

**Tasks**

Note that the tasks for this assignment should be accomplished using MongoDB Atlas and MongoDB Shell.

Part 1:

* Create a MongoDB database called band
* Create a collection in the database called set\_list
* Add at least 10 songs to set\_list.
  + Each song should include the title, the artist, and an array of genres.
* Display the collection in Atlas and take a screenshot (which will be part of your deliverables).

Part 2:   
Show the MongoDB Shell commands to:

* Select the database
* Show all data from all songs
* Show all song titles from a particular genre
* Copy/paste out of the command prompt to grab the command text and results and submit as part of the deliverables

(Note: if you cannot get the shell working, you may write the commands in a plain text editor- but you are still responsible for having correct syntax.)

## Questions

1. Identify the tools used to work with an SQL and a NoSQL database.
2. Which database do you prefer working with so far- SQL or NoSQL? Explain your answer.

## Rubric

Deliverables/Questions submitted: 20 points

Part 1: 40 points

Part 2: 40 points