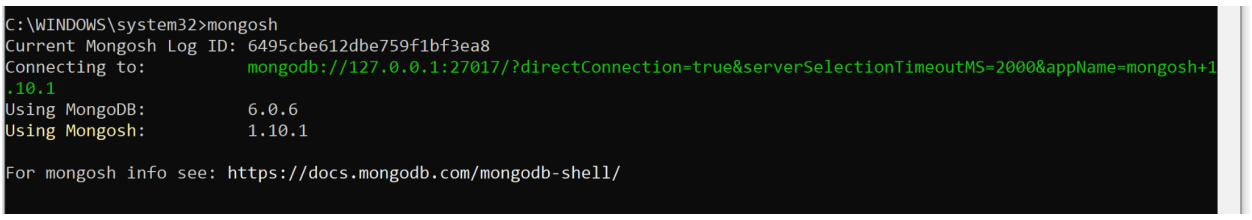
Installing MongoDB

1) Go to MongoDB Download Center (https://www.mongodb.com/try/download/community)
    - MongoDB **Community** Server
    - Version: “6.0.6 (current release)”
    - Platform: Windows, Package: “msi”
    - Platform: MacOS, Package: “tgz”
2) Click “Download” and then install MongoDB
    - May take a few minutes to download
    - Mac: Install MongoDB to your home directory - tgz
    - Windows:
        - Choose Setup Type: Complete
        - Service Configuration: Leave selected defaults
        - Install MongoDB Compass: Install MongoDB Compass (optional - not necessary)
        - After successful installation, MongoDB Compass should be launched (if installed). Close the Compass window.
3) Go to https://www.mongodb.com/try/download/shell to download the new Mongo Shell (Mongosh)
    - V1.10.1
    - Extract the folder from the zip file and place wherever you’d like

Configuring mongo Shell - **Windows**

1) Add path to MongoDB Shell executable bin folder (something like “C:\mongosh-1.10.1-win32-x64\bin” if you placed the folder in the C drive) as a “Path” system environment variable
   (Help setting PATH variable: Google it, or read this: https://www.architectryan.com/2018/03/17/add-to-the-path-on-windows-10/)
2) Close any open command prompt windows (environment variables will not be reloaded while there are open command prompt windows)
3) Start command prompt window and type mongosh. If you see:
    a) Connecting to: <mongodb address>
    b) Using MongoDB: 6.0.6
    c) Using Mongosh: 1.10.1



Configuring mongo Shell - **Mac**

1) Add path to MongoDB Shell executable bin folder as a “Path” system environment variable. Best way is probably to use .bash_profile file in the home directory. You can create the file if it’s not already there.
2) Close any open terminal windows (bash profile will not be reloaded while there are open terminal windows)
3) Start terminal window and type mongosh. You should hopefully see something similar to the image above under the Windows instructions (if someone would like to share a screenshot of what they see in a Mac, I can update this 😀)

Create an Atlas Sandbox Cluster

1) Register for an account with Atlas (https://www.mongodb.com/try)
    - Create an account
    - Fill out the quick survey
    - When it takes you to a page to create a cluster:
        - Cloud Provider & Region: AWS and N. Virginia (us-east-1)
        - Cluster Tier: Shared and M0 Sandbox
        - Additional Settings: No to everything
        - Cluster Name: Sandbox
2) Click “Create Cluster” and then wait for cluster to be set up - will take a couple of minutes
3) On left side menu under Security click “Database Access”
    - “Add New Database User”
        - Authentication Method: Password
        - Password Authentication
            m001-student
            m001-mongodb-basics
        - Database User Privileges: Built-in user -> Atlas admin
    - “Add user”
4) On left side menu unser Security click “Network Access”
    - “Add IP Address”
        - “Allow Access from Anywhere”
    - “Confirm”
5) Go Deployments on left side, and select Database from left side menu
    - Select “Connect” for your Sandbox cluster
    - Select “Shell”
    - Don’t do Steps 1) and 2) in prompt. Just copy connection command under Step 3).

6) Paste copied connection command into command prompt/terminal. Also paste the connection command in a place/document readily available. You will be using this command in the workshop
    - When prompted for password enter `m001-mongodb-basics`
7) If successfully connected, after some connection log lines should see:
   `Atlas atlas-hxpgby-shard-0 [primary] test>`