Neo4J Graph Database Assignment

1. **Access your Neo4J installation. There are multiple ways to do this:**

| Neo4J.com Sandbox (7 days) | GrapheneDB.com Sandbox | Your own computer |

a. Using the link to create a new online Sandbox on the Neo4J website. Visit the link: https://neo4j.com/sandbox-v2/

Click 'Start Now', and sign up with any of the following IDs

Launch a new BLANK sandbox.

Launch a New Sandbox

Each sandbox includes data, interactive guides with example queries, and sample code.

Once it is set up, you can then 'launch the Neo4J browser' or see other options:
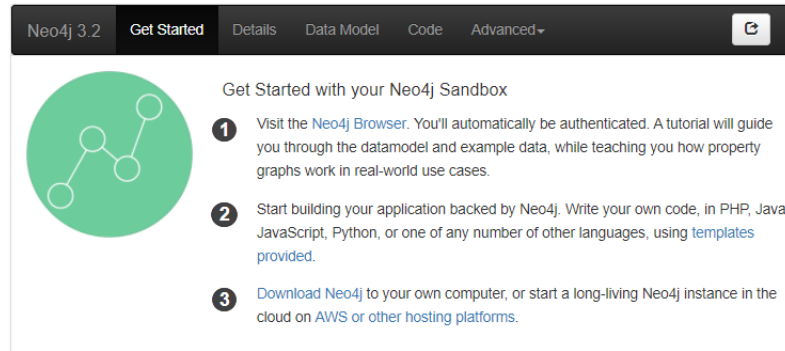
b. Using a free tier GrapheneDB account.
   Visit the sign up page: https://app.graphenedb.com/signup
   Enter in an email and password
   Select create database
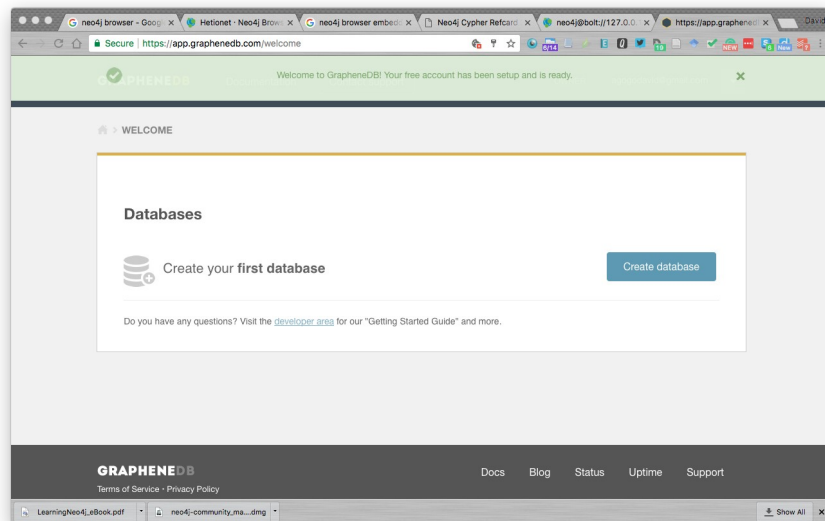
Select the FREE sandbox option under HOBBY (default option)

Scroll to the end of the page, enter database name and click 'CREATE DATABASE'

You will be asked to create a user, SKIP this (not necessary)
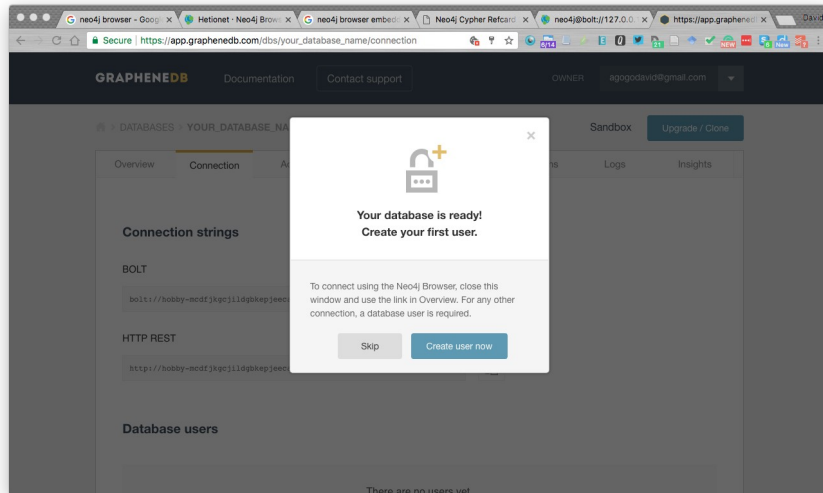
Click through to the OVERVIEW menu button, and scroll to bottom of page.
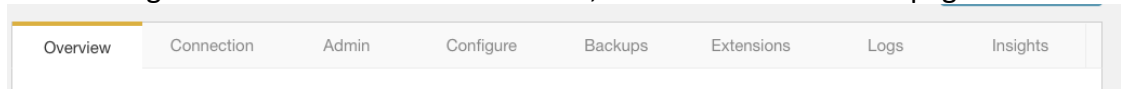
Click on LAUNCH to open browser
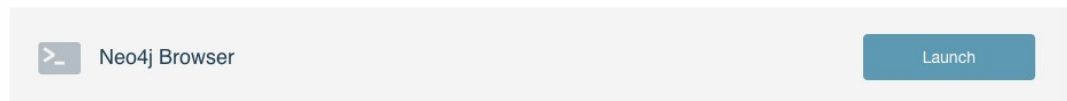
Read through information and click 'LAUNCH NEO4J BROWSER'. A new window will open.
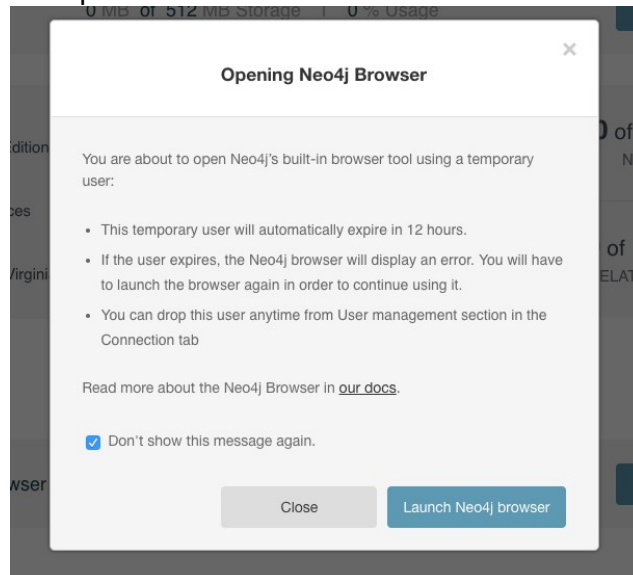
c. Using your own installation of Neo4J on your personal computer.
Download Neo4J from this link: http://neo4j.com/download/
Follow installation instructions appropriate for your OS from this link:
https://neo4j.com/docs/operations-manual/current/installation/

When the installation completes, launch Neo4j. After a few seconds a link will be active. Click on that link to open a new browser window.
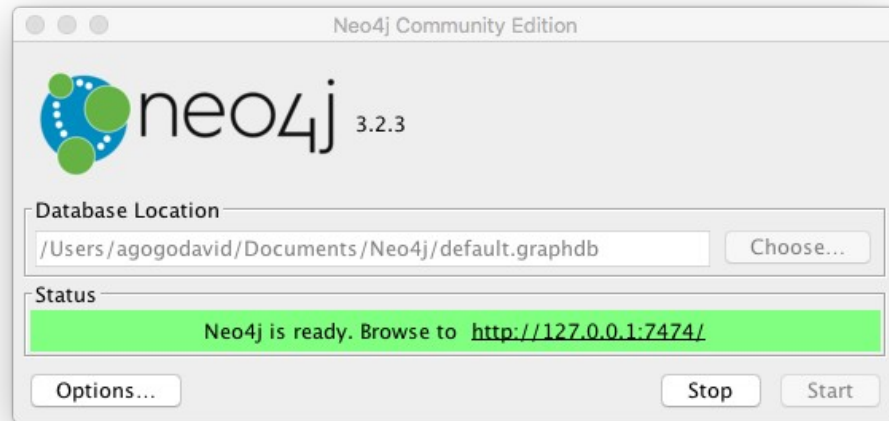
2. Get acquainted again with the Neo4J browser window
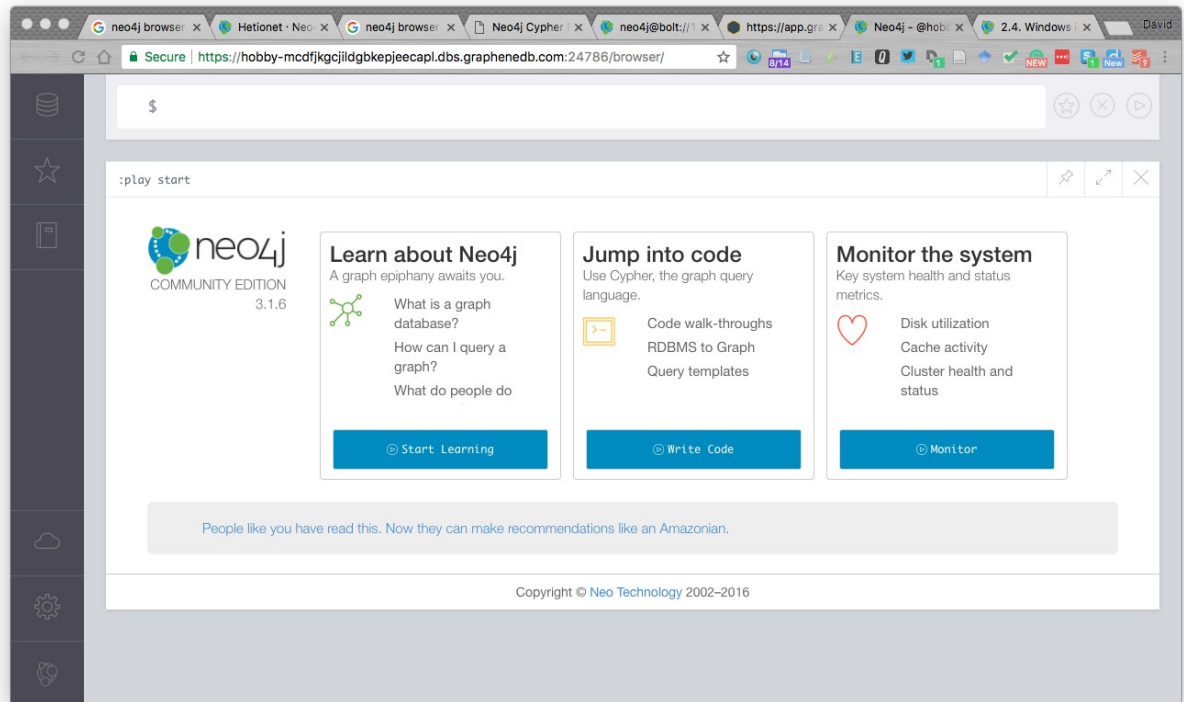
3. Type in **:play intro** at the top of the window. Press ENTER or click on the play button. Follow through this intro to get a simple overview of navigating this window.

4. Under the "Jump into Code" text, Select the "Movie Graph" to start that tutorial
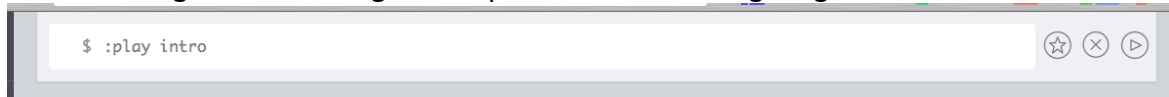5. Create the graph as instructed in the window. This will take a little time to run completely.
6. Take some time to explore the tutorial carefully.
7. **Create a query to retrieve all the movie directors that worked with actors 55 years or older at the time of release.**
    a. **Paste in the final code into a file.**
8. **Display the network of actors, writers, and movies for these actors**
    a. **Paste in the final code and a screenshot of the network into the file.**
9. **Submit the code and screenshot for 8 and 9 above.**

Solution

7.

8.