Exercise #6

Submission:

Submit your exercise as a SINGLE ZIP file on Canvas by the due date.
Your submitted ZIP file must have the name:
Exercise_6_Your_LastName.zip

Deliverables:

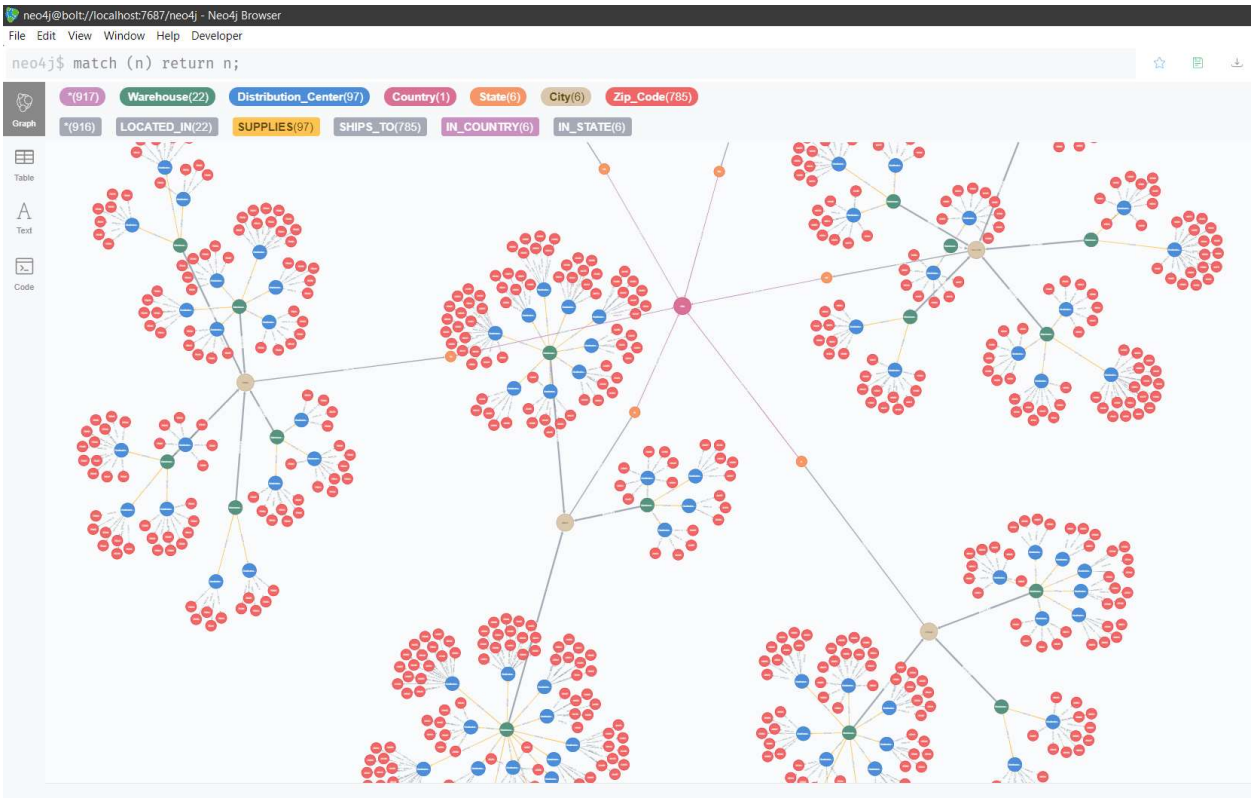
Your ZIP file for the exercise submission must include the following:

- All source code that you installed, compiled and built on your personal computer.
- Panopto video recording of a live run of your code on your personal development computer.

Requirements Specification:

Download, and install Neo4j 4.2.1 on your personal development computer.

After you install Neo4j on your personal development computer, you will create the following **Supply Chain Graph Database** for OnMart Super Store:



Create the Supply Chain Graph Database for OnMart

1. Startup Neo4j
2. Use Cypher to create the Supply Chain graph data model for OnMart
3. All Cypher code must be saved in a file with the name cypher.txt
4. Write and execute Cypher statements to create the Warehouse label/nodes
5. Write and execute Cypher statements to create the Distribution Center label/nodes
6. Write and execute Cypher statements to create the Country label/nodes
7. Write and execute Cypher statements to create the State label/nodes
8. Write and execute Cypher statements to create the City label/nodes
9. Write and execute Cypher statements to create the Zip_Code label/nodes
10. Write and execute Cypher statements to create the State IN_COUNTRY Country relationships/type
11. Write and execute Cypher statements to create the City IN_STATE State relationships/type
12. Write and execute Cypher statements to create the Warehouse SUPPLIES Distribution_Center relationships/type
13. Write and execute Cypher statements to create the Warehouse LOCATED_IN City relationships/type
14. Write and execute Cypher statements to create the distributionCenter_SHIPS_TO_zip_code relationships/type