# Querying a NoSQL Graph Database Using Neo4j Cypher Databases Illuminated, Fourth Edition - Lab 10

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Student: John Doll		Email: dolljm@miamioh.edu						
Time on Task: 0 hours, 33 minu	utes	Progress: 42%						
R	eport Generated: Monday, April	10, 2023 at 12:55 PM						
Hands-On Demonstration								
Part 1: Create a Neo4j Database								
<ol> <li>Make a screen capture of the Database Information pane that shows Node Labels, Relationship Types, and Property Keys.</li> </ol>								
	Inc	omplete						
30. <b>Make</b> a <b>screen capture</b> of the <b>result frame</b> that shows the query and the graph result.								
	Inc	omplete						
Part 2: Query Nodes Using Cypher								
<ol> <li>Make a screen capture of the Database Information pane to show the Node Labels, Relationship Types, and Property Keys.</li> </ol>								
	Inc	omplete						
12. Make a screen capture of the Text view of the query results.								
	Inc	omplete						

17. **Make a screen capture** of the **Graph view** of the query results showing all the nodes.

Incomplete

21. Make a screen capture of the Text view of the list of majors.

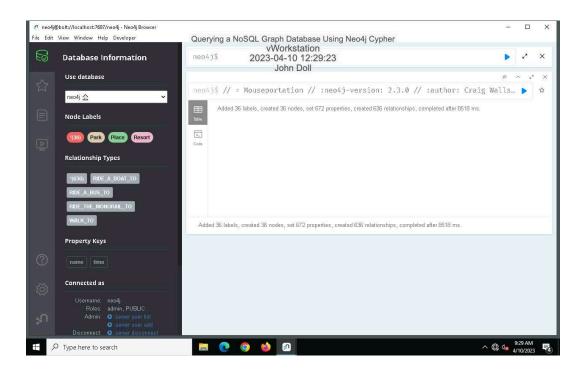
Incomplete

23. Make a screen capture of the Text view of the results of the previous query.

Incomplete

#### Part 3: Write Queries over Relationships

14. Make a screen capture showing the Node Labels, Relationship Labels, and Property Keys.

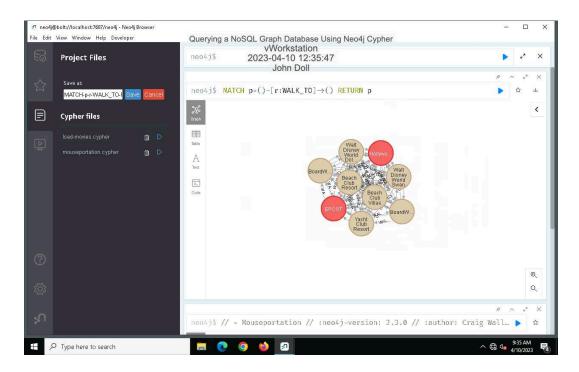


17. **Make a screen capture** of the **Overview panel** that shows how many **nodes** and **relationships** were returned.

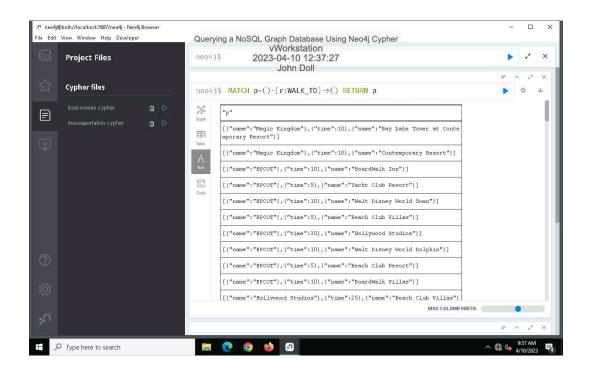


23. **Document** the **number of isolated (unconnected) subgraphs** that are returned by the query.

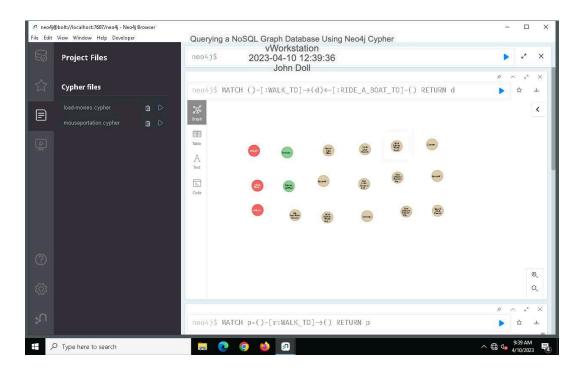
25. Make a screen capture showing the Graph view of the largest subgraph in the result.



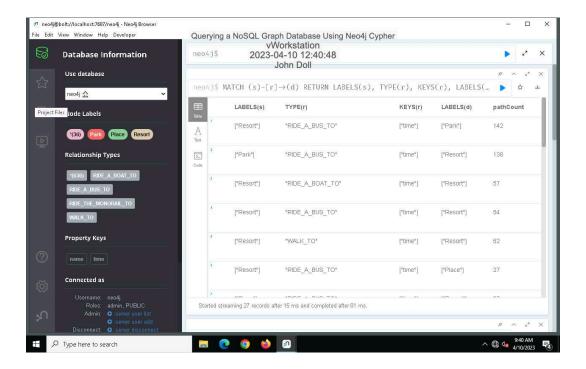
27. Make a screen capture showing the Text view of the first 10 results.



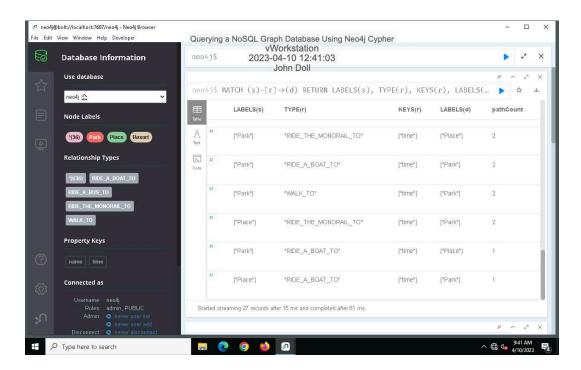
31. Make a screen capture showing the Graph view of the query results.



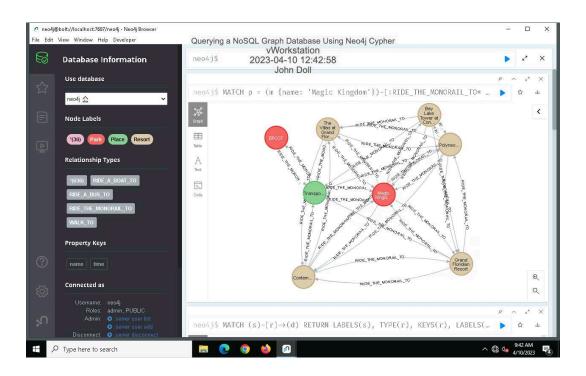
33. Make a screen capture showing the first nine rows in the Text view of the result.



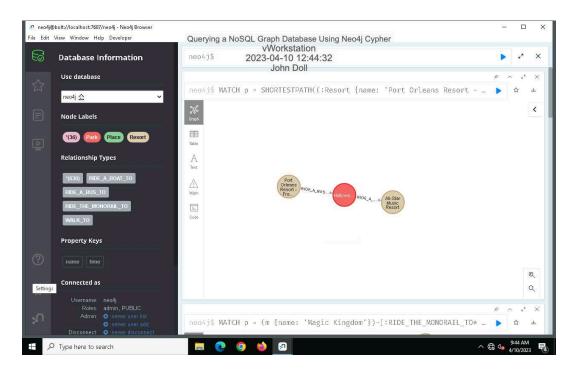
34. Make a screen capture showing the last two rows in the Text view of the result.



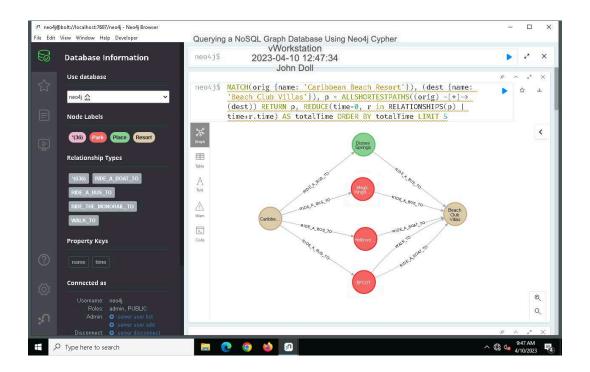
36. **Make a screen capture** showing the **Graph view** of the result where the relationship labels are readable.



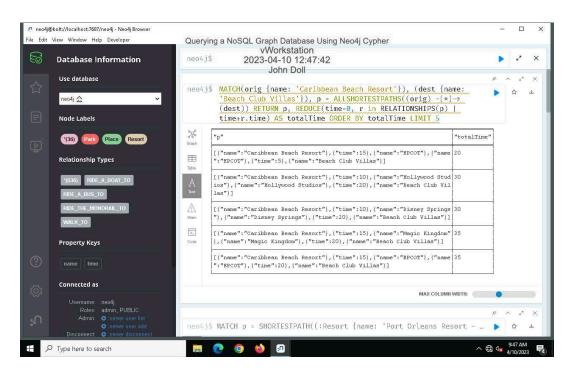
39. Make a screen capture showing the Graph view of the result.



43. **Make a screen capture** showing the **Graph view** of the result with the source on the left and the destination on the right.



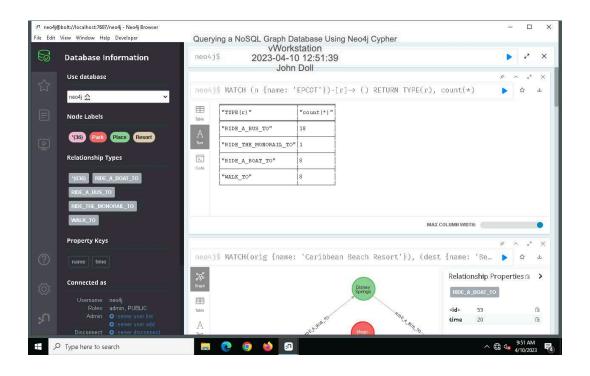
44. Make a screen capture of the Text view of the result.



45. **Document** the answer to this question using the results of the query: What **type of transportation** should you use and **where should you go** to travel in the **shortest amount of time** from the Caribbean Beach Resort to the Beach Club Villas?

Ride a bus to Epcot, and ride a boat to Beach Club Villas from Epcot

#### 47. Make a screen capture of the Text view of the result.



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## **Challenge and Analysis**

Part 1	To	Walk	or Not	To \	Nalk?
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Make a screen capture showing the Text view.

Incomplete

Make a screen capture showing the Text view.

Incomplete

Make a screen capture showing the default Graph view.

Incomplete

Make a screen capture showing the Graph View arranged so that all six subgraphs are visible.

Incomplete

**Make a screen capture** showing the **Graph view** with all nodes and only the ride a boat to relationship. Arrange the nodes so that they are all visible.

Incomplete

6. **Document** your **answer** to this question:

Incomplete

### Part 2: Polynesian Village Resort Conundrum

Make a screen capture showing the Graph view.

Incomplete

**Make a screen capture** showing the **Graph view** arranged so that the Polynesian Village Resort is on the left, the Animal Kingdom Lodge is on the right, and all other nodes are in the middle.

Incomplete

**Make a screen capture** showing the **Graph view** arranged so that the Polynesian Village Resort is on the left, the Animal Kingdom Lodge is on the right, and all other nodes are in the middle.

Incomplete

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Make a screen capture	e showing the	Text view.
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Incomplete

4. **Document** your **observations** about the differences between the graph views for the previous two results.

Incomplete

Make a screen capture showing the Text view.

Incomplete