Project Review

NoSQL Database

Neo4j

DUMBLEDORE'S ARMY

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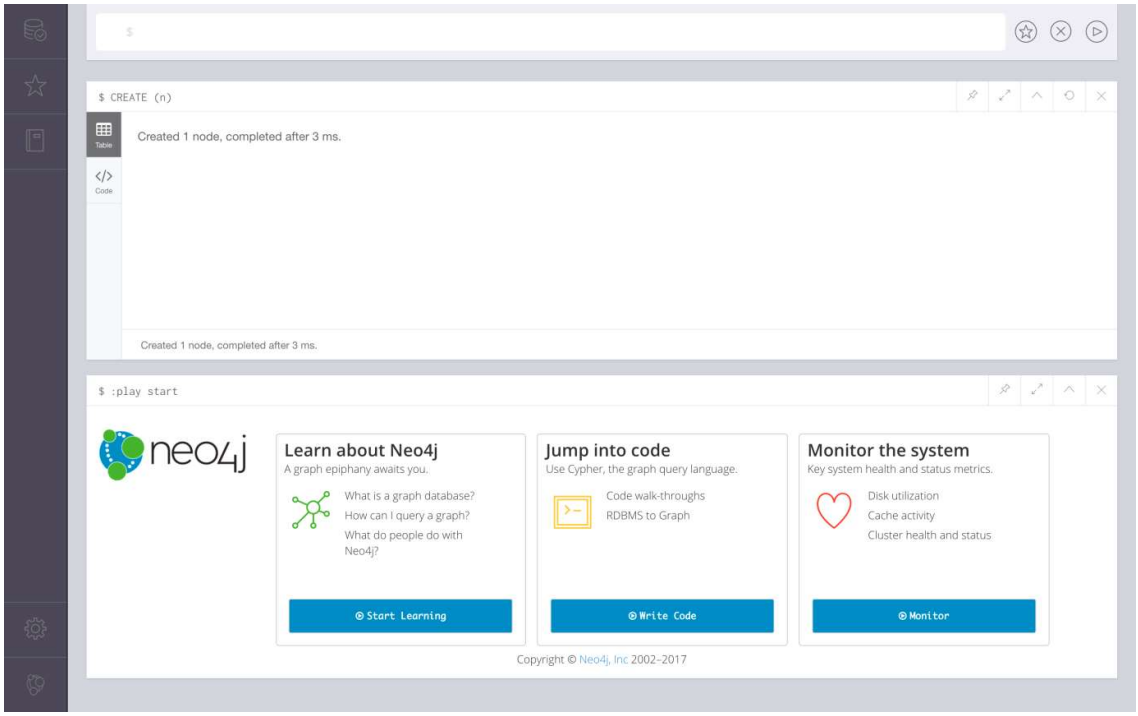
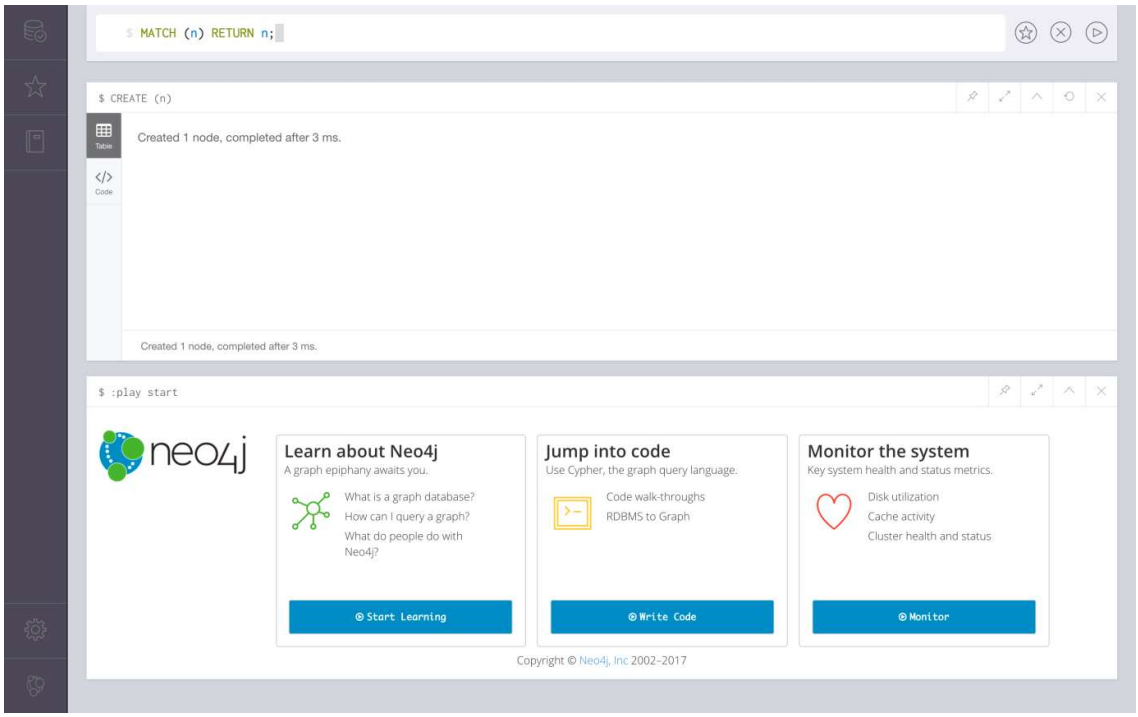
SNIPPETS OF THE CQL QUERY AND THE OUTPUT

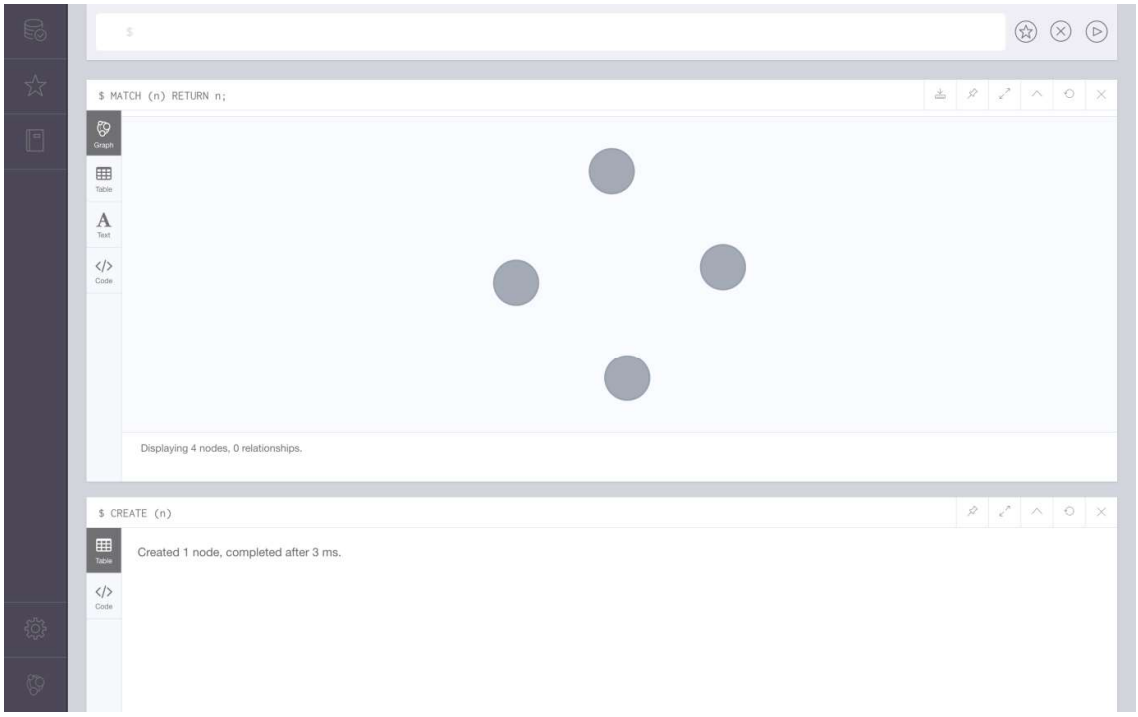
1) CREATE(n)



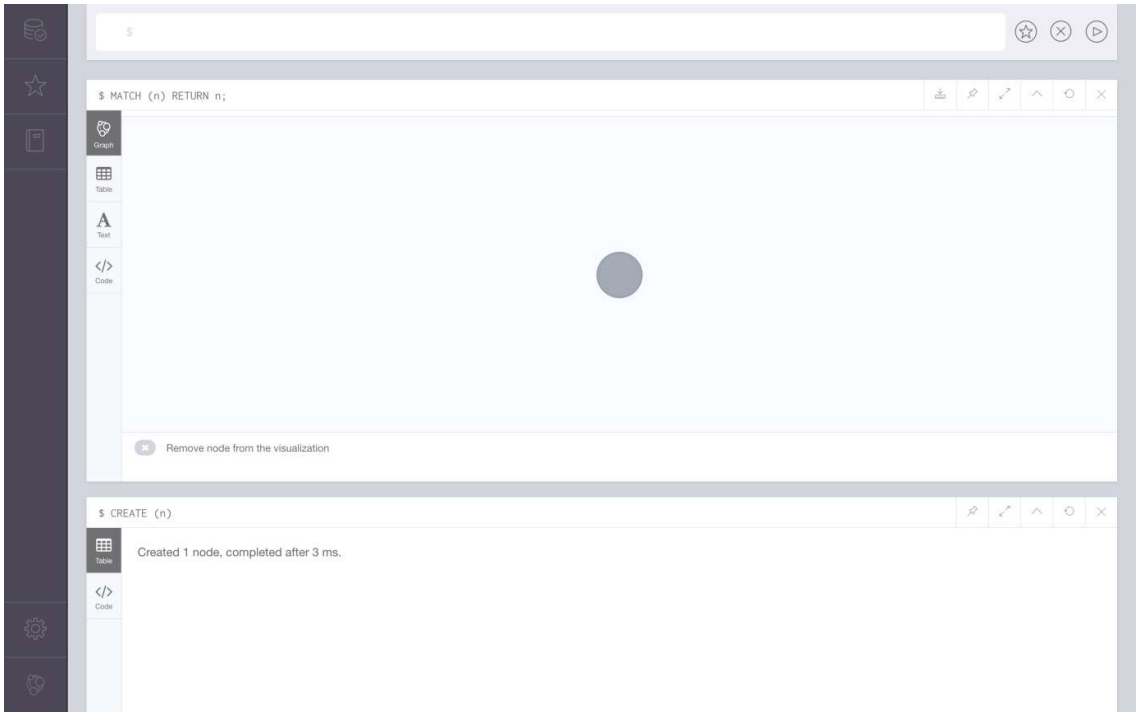
2) MATCH(n) RETURN n;



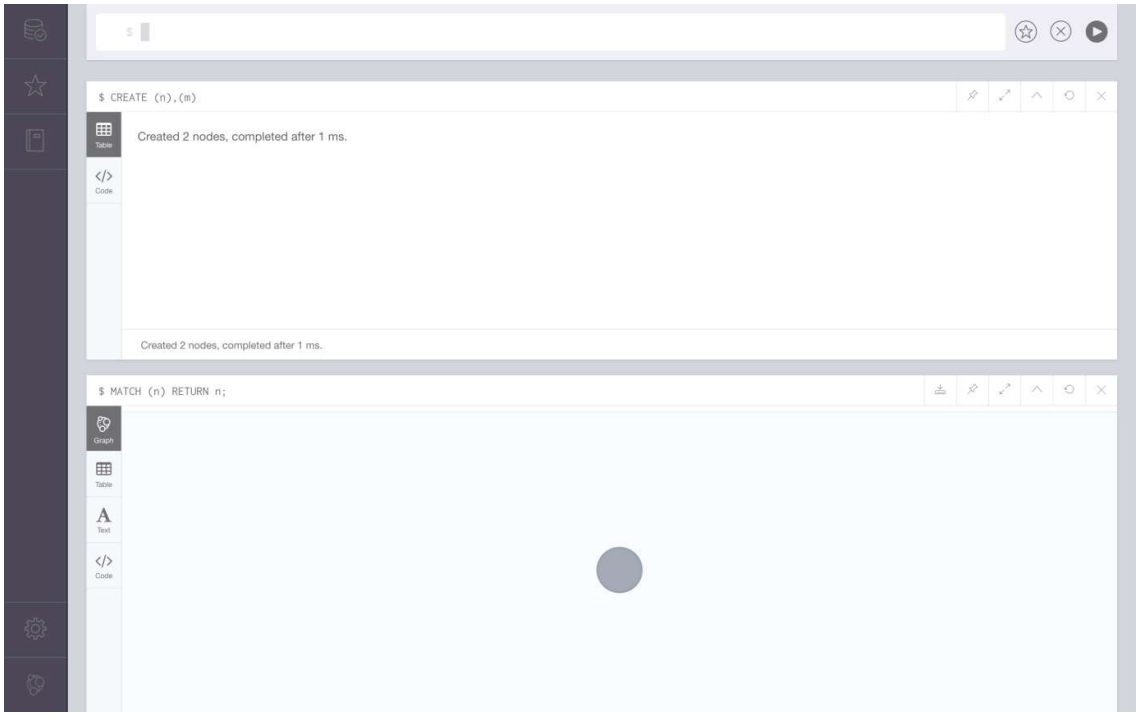
3) MATCH(n) RETURN n;



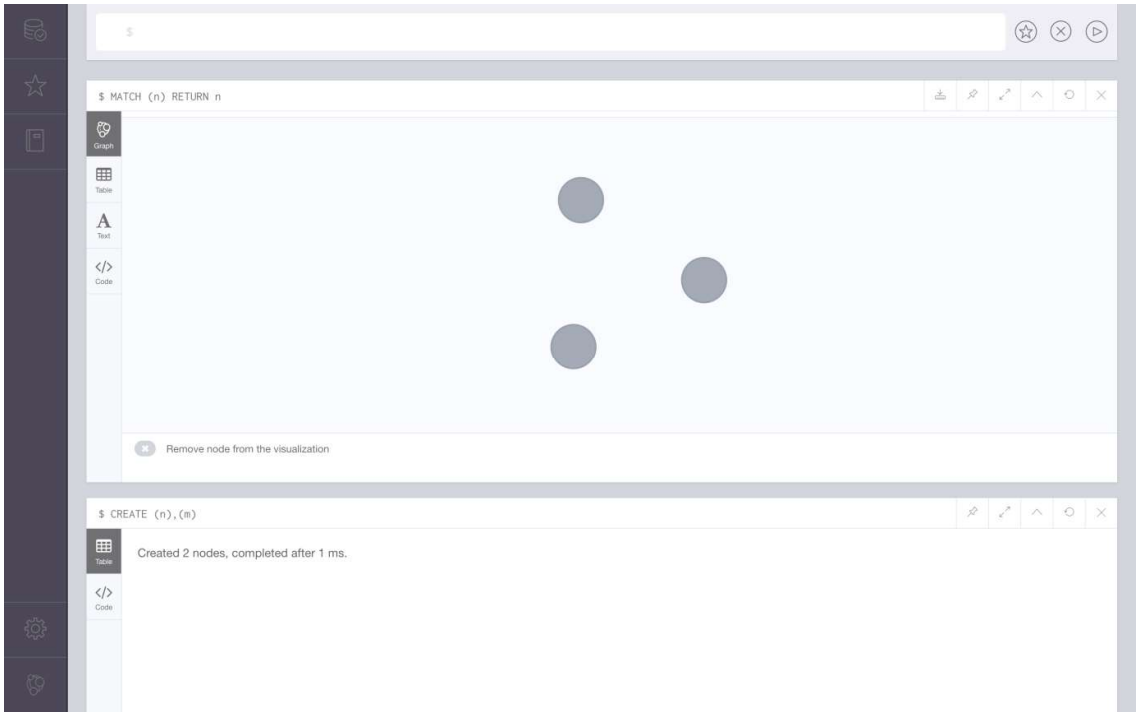
4) Match(n) REMOVE(n);



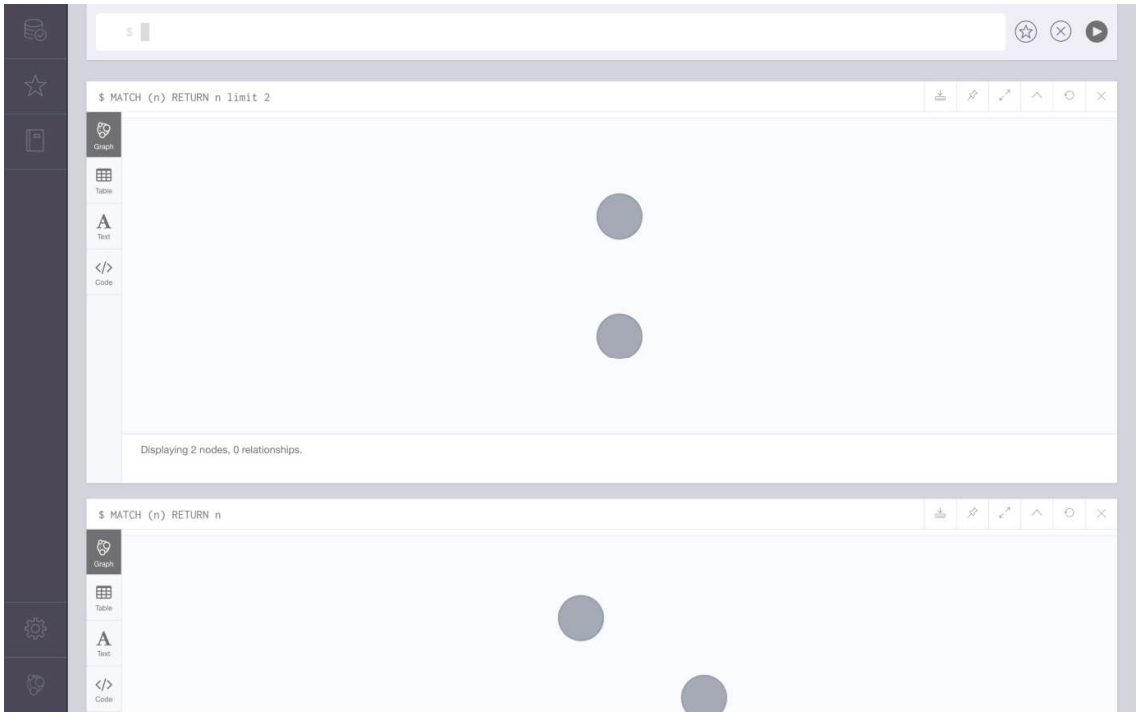
5) CREATE (n),(m);



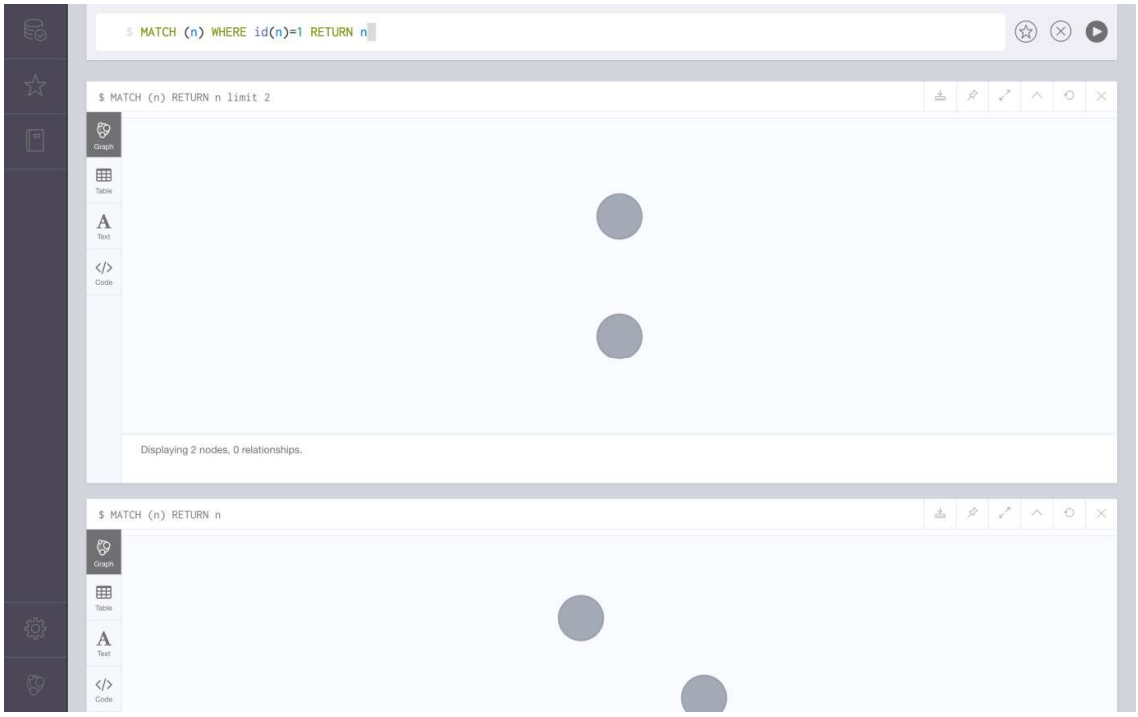
6) MATCH(n) RETURN n;



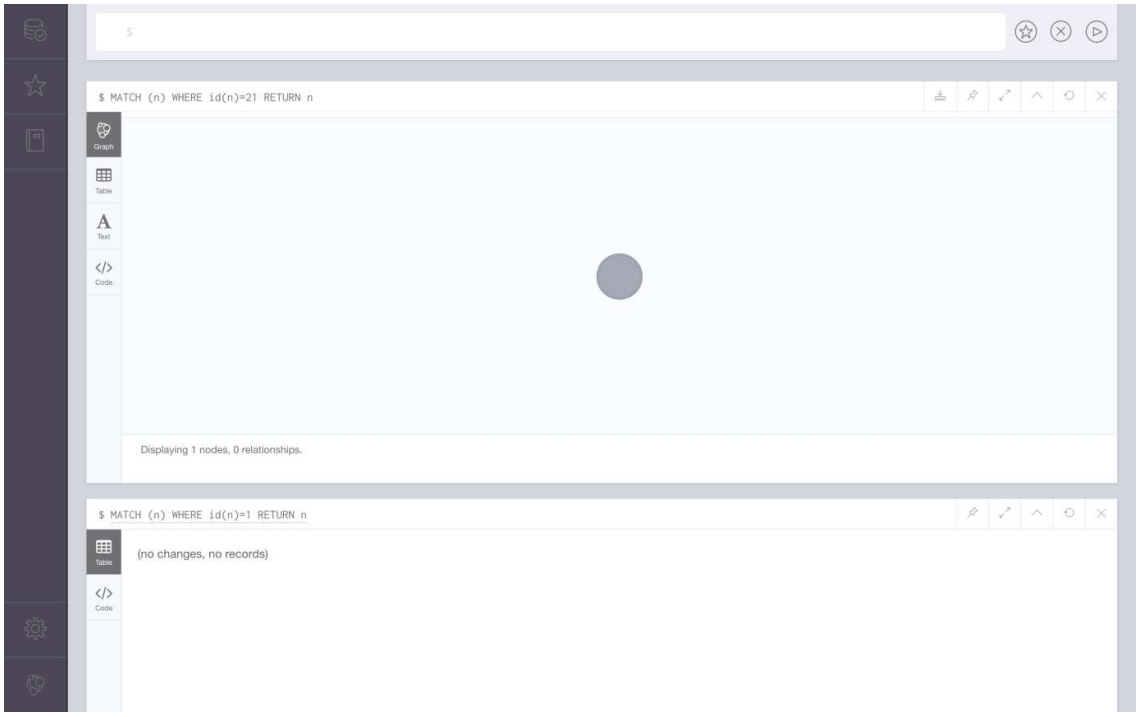
7) MATCH(n) RETURN n limit 2;



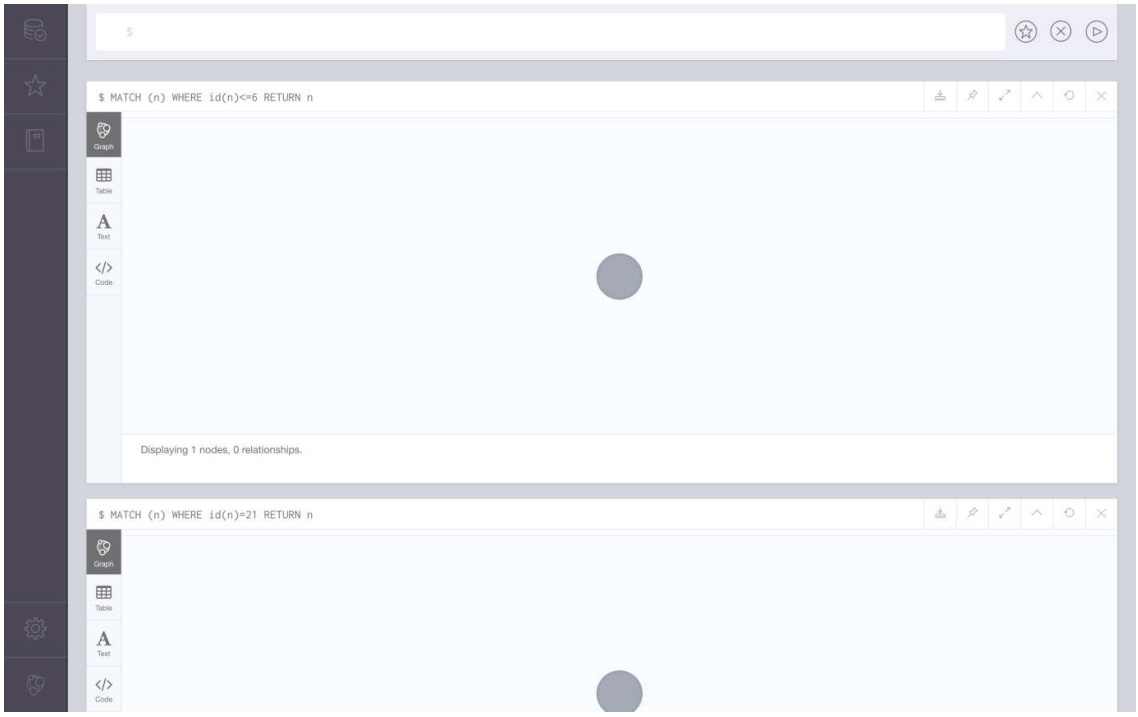
8) MATCH (n) WHERE id(n)=1 RETURN n;



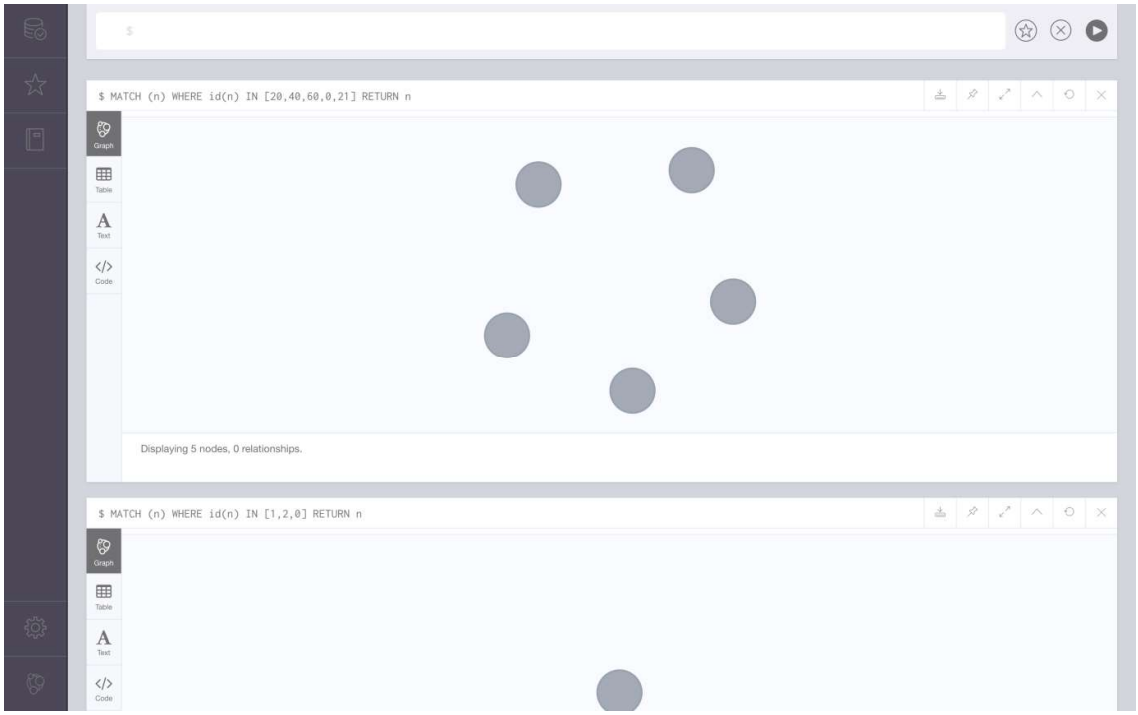
9) MATCH (n) WHERE id(n)=21 RETURN n;



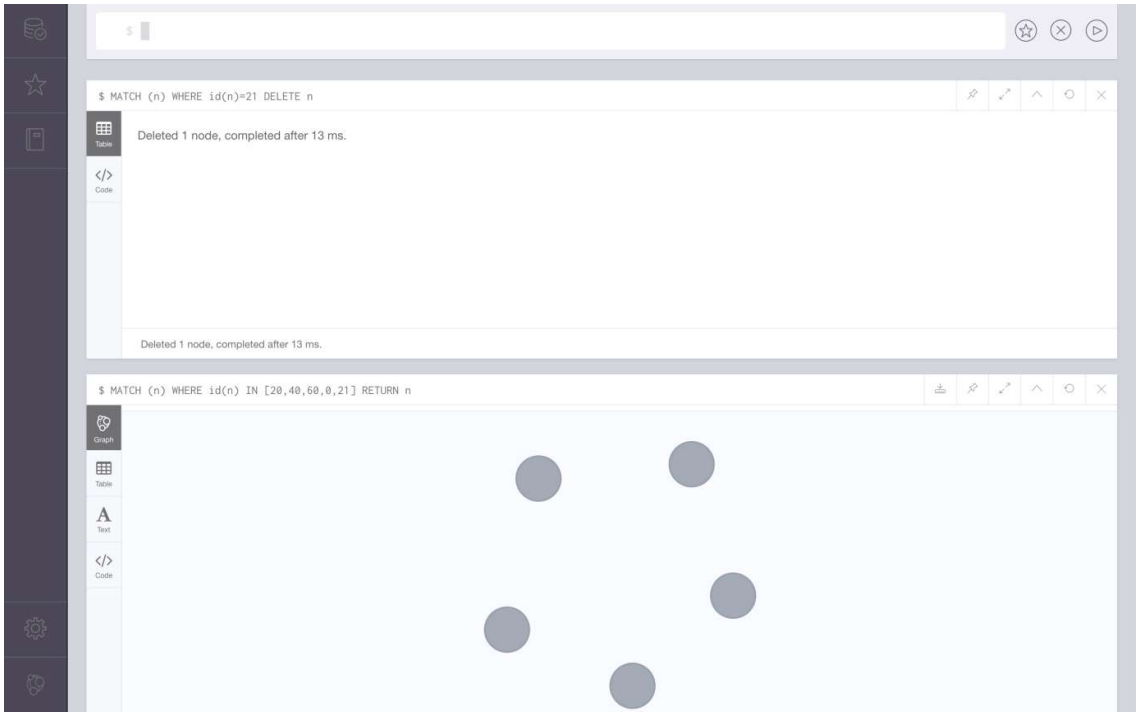
10) MATCH (n) WHERE id(n)<=6 RETURN n;



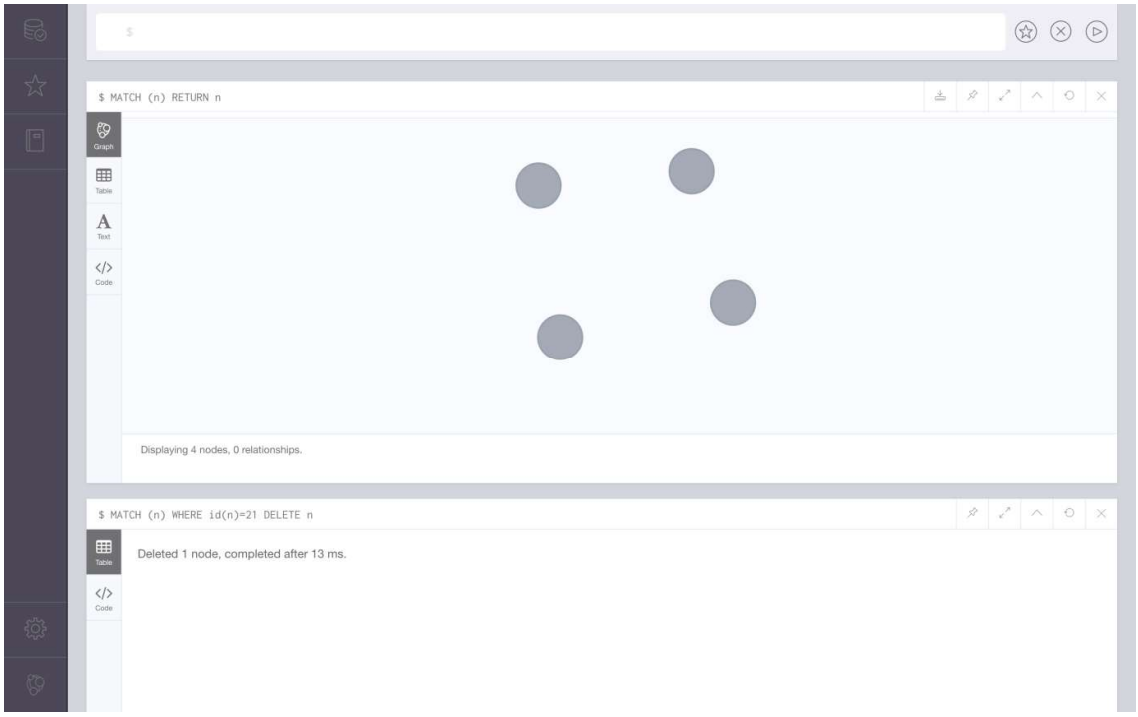
11) MATCH (n) WHERE id(n) IN[20,40,60,0,21] RETURN n;



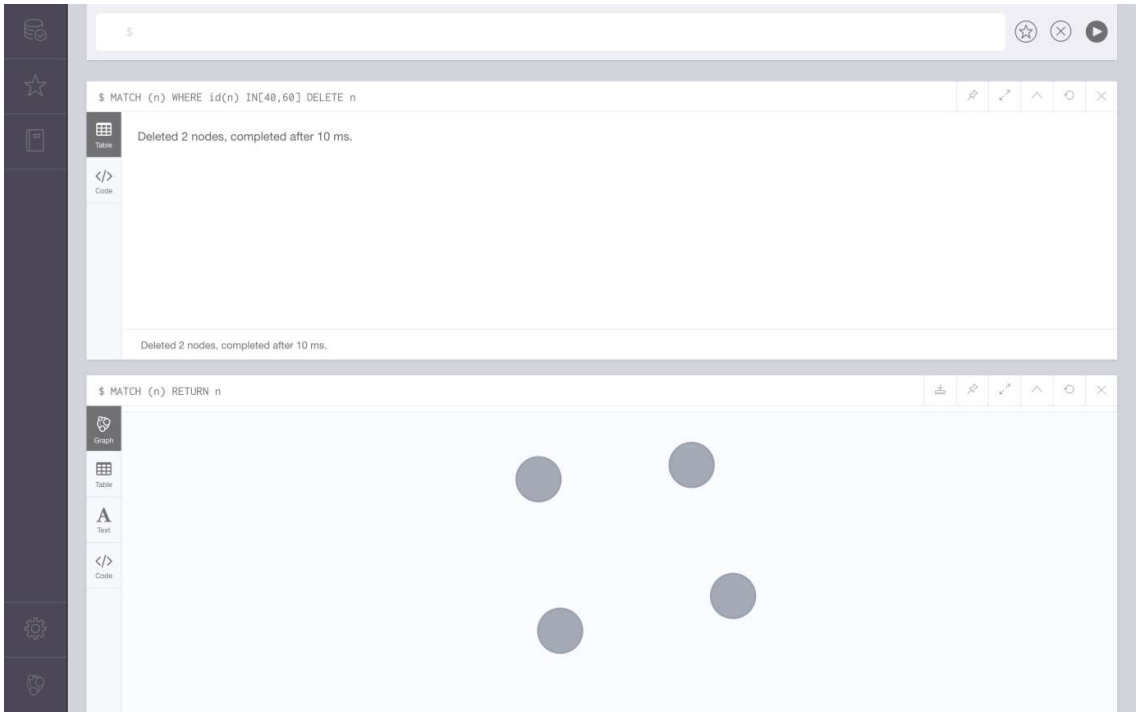
12) MATCH (n) WHERE id(n)=21 DELETE n;



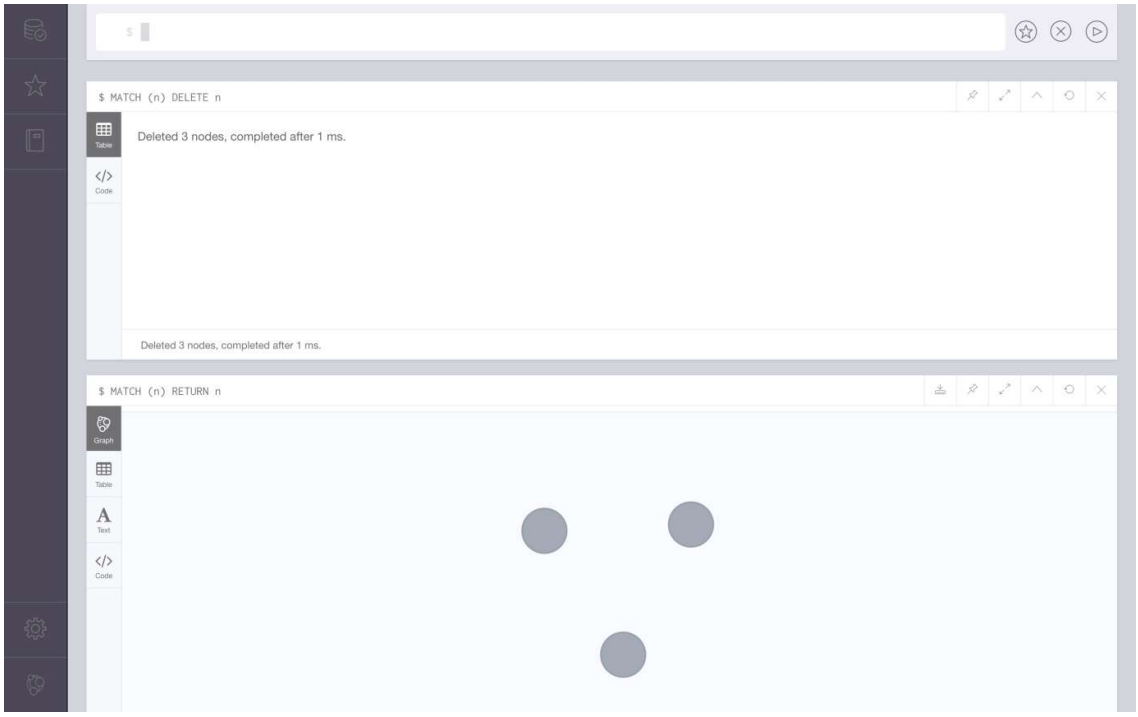
13) MATCH (n) RETURN n;



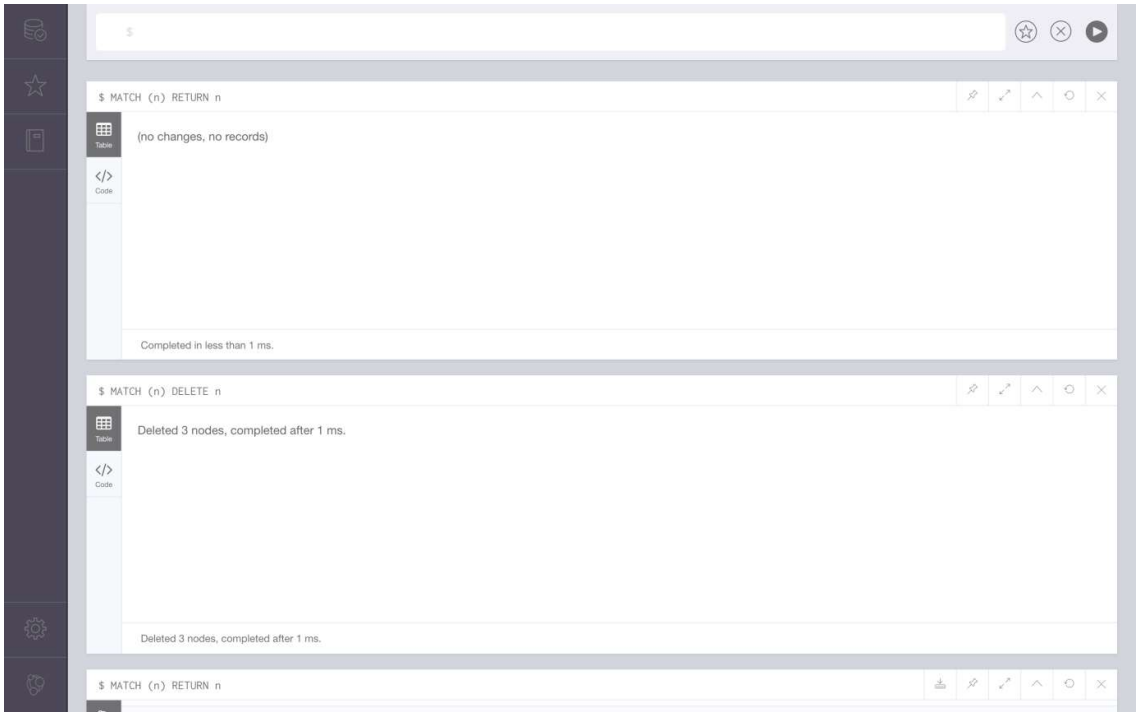
14) MATCH (n) WHERE id(n) IN[40,60] DELETE n;



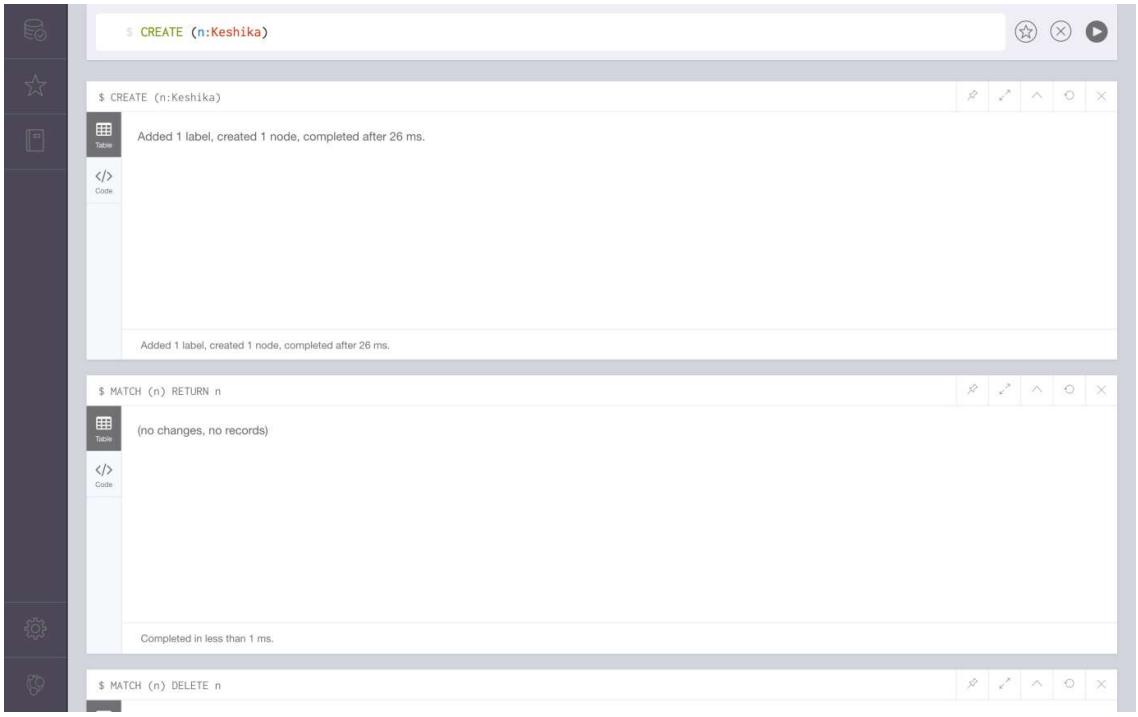
15) MATCH(n) DELETE n;



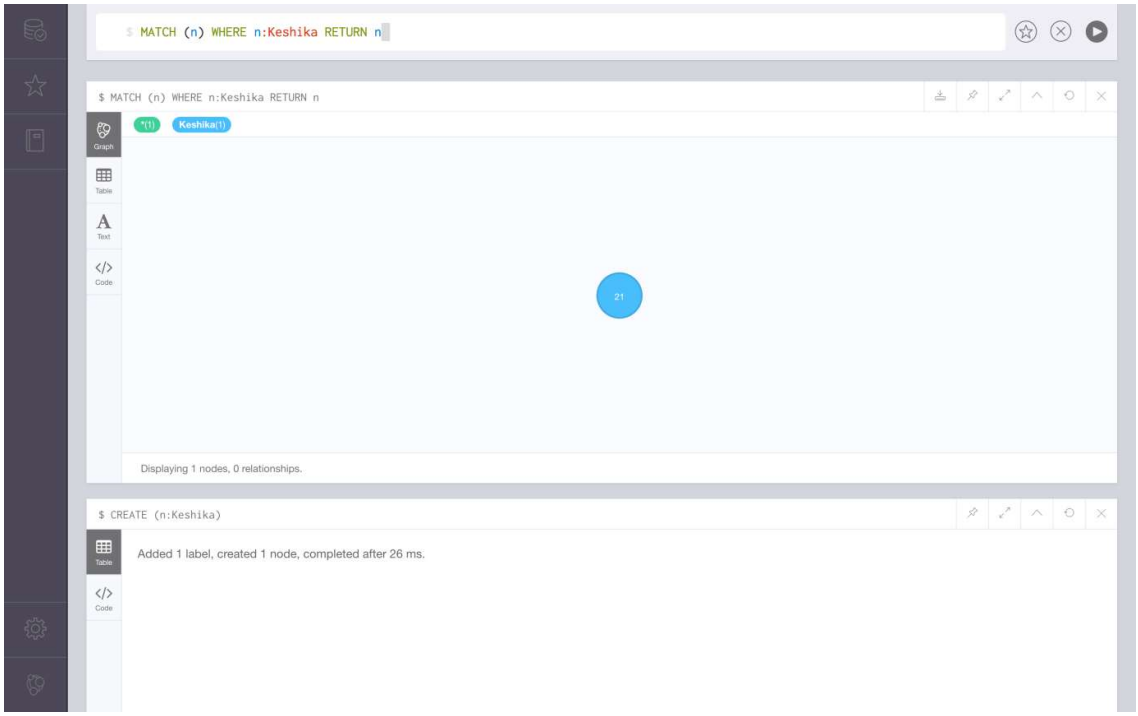
16) MATCH(n) RETURN (n)→The Database is Empty Here



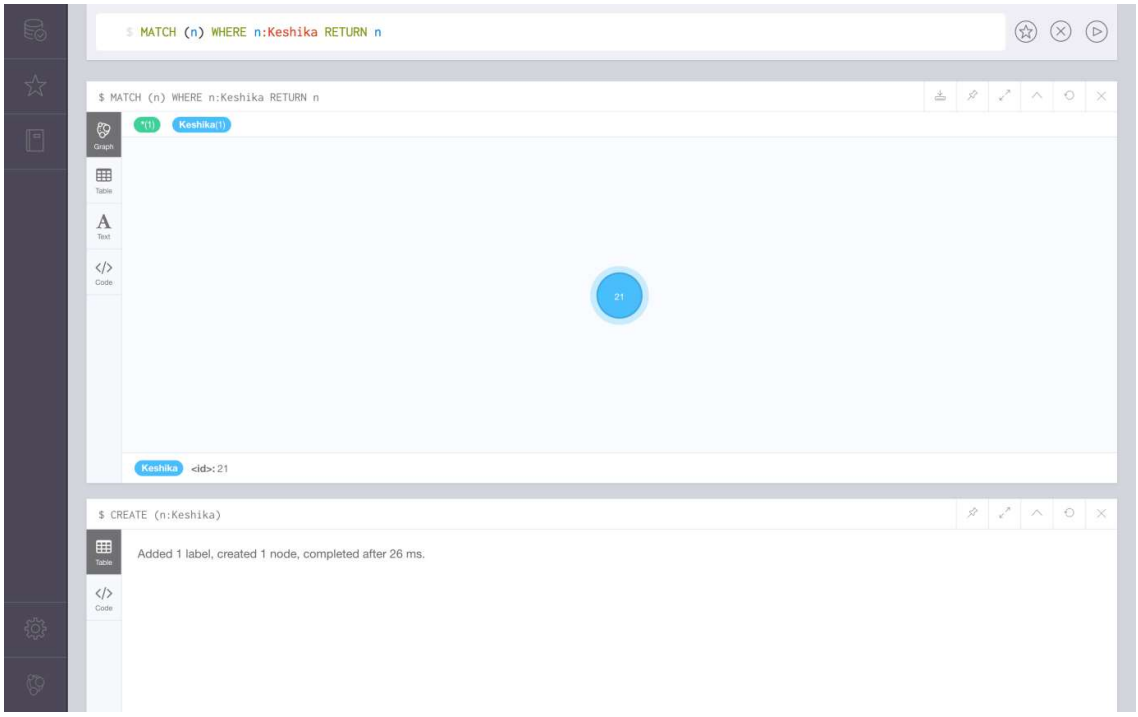
17) CREATE (n:Keshika)



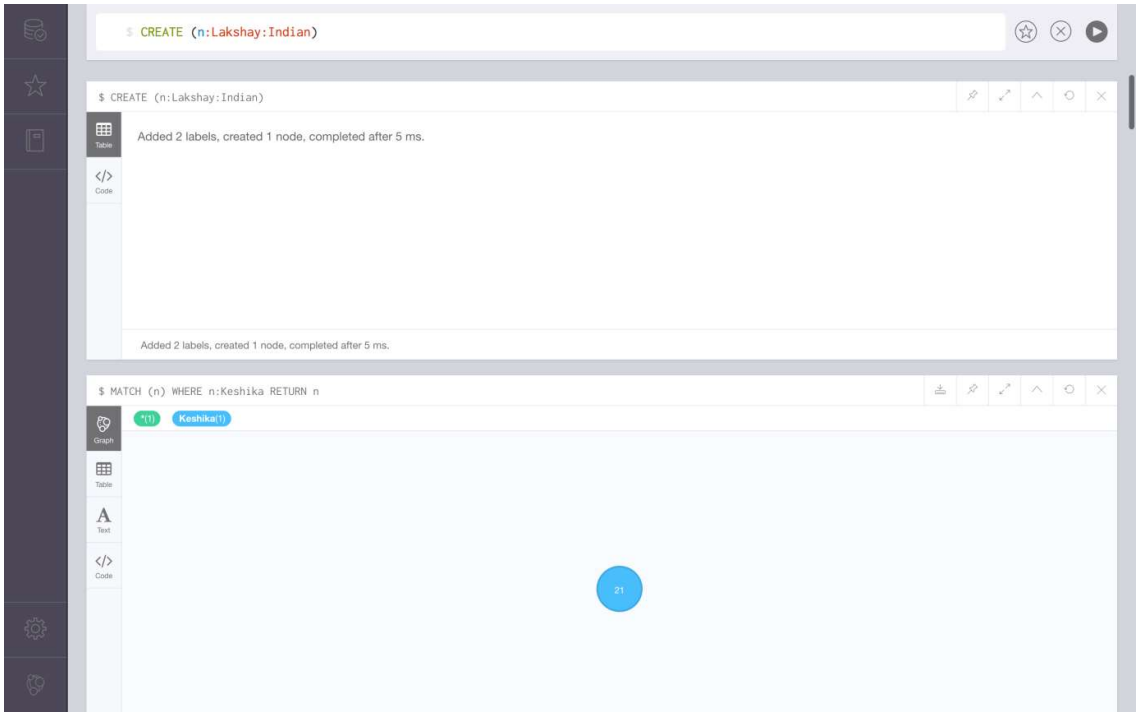
18) MATCH(n) WHERE n:Keshika RETURN n;



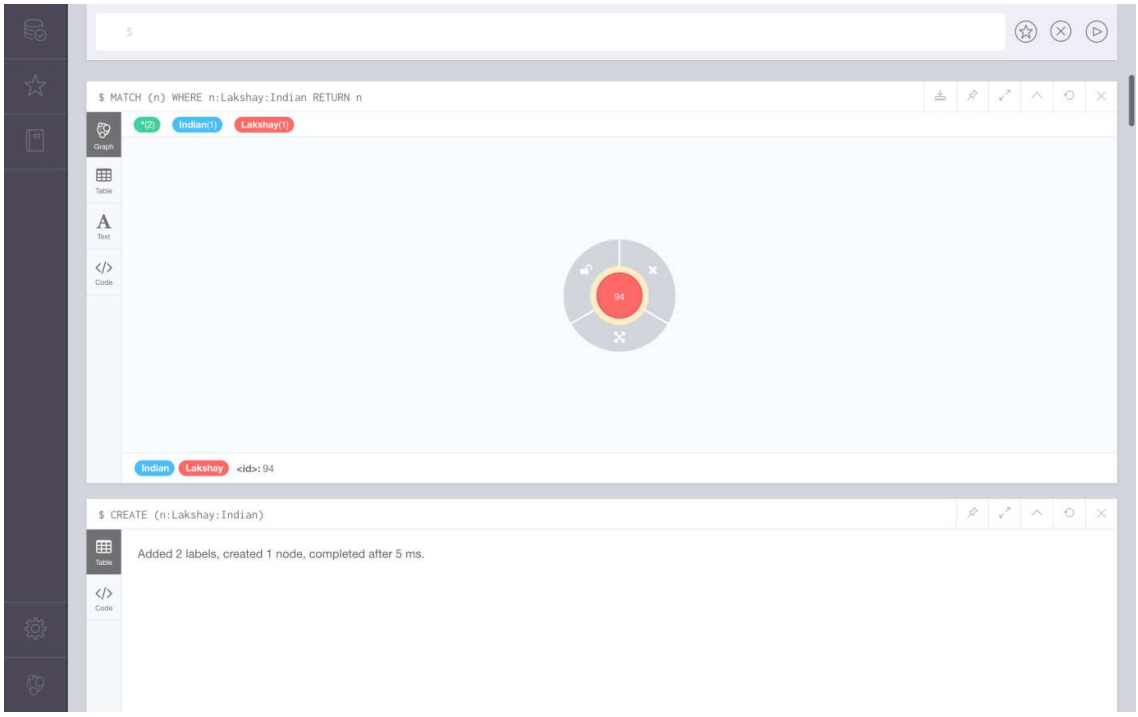
19) MATCH(n) WHERE n:Keshika RETURN n;



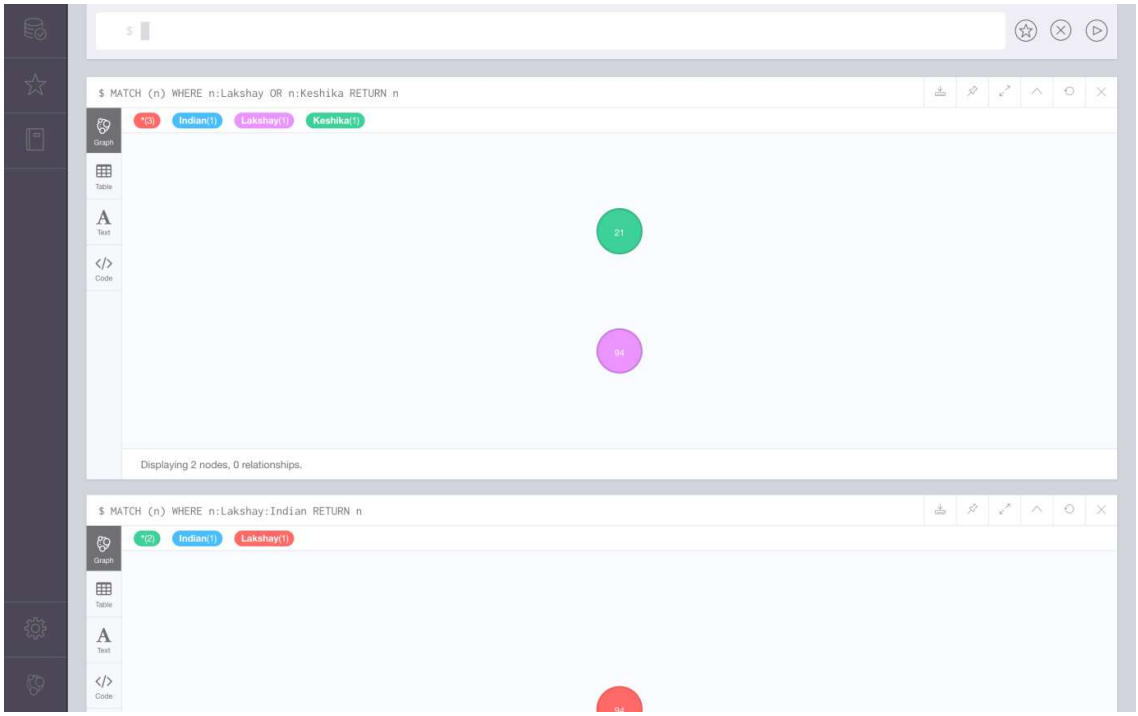
20) CREATE(n:Lakshay:Indian)



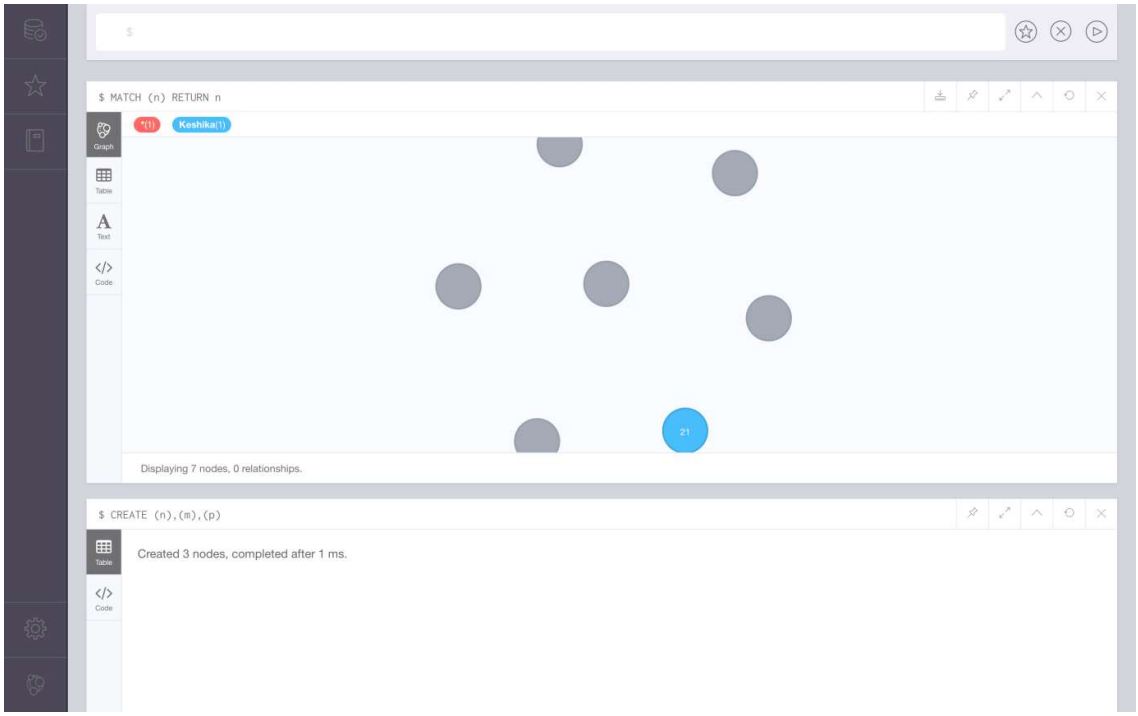
21) MATCH (n) WHERE n:Lakshay:Indian RETURN n;



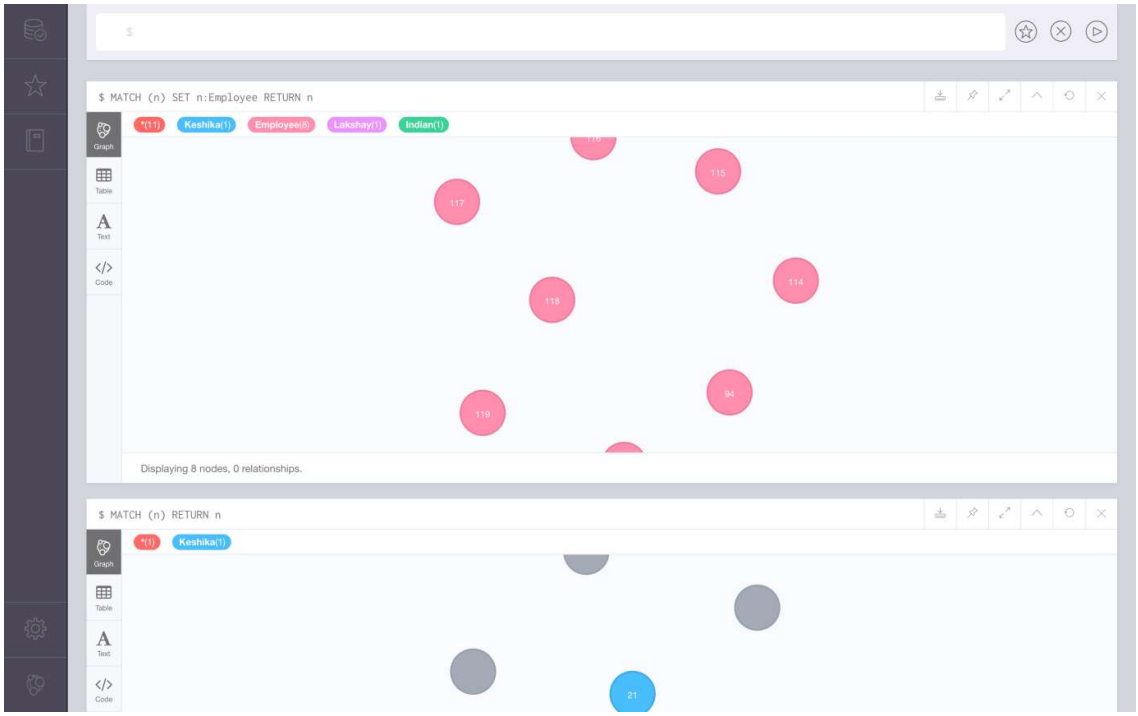
22) MATCH(n) WHERE n:Lakshay OR n:Keshika RETURN n;



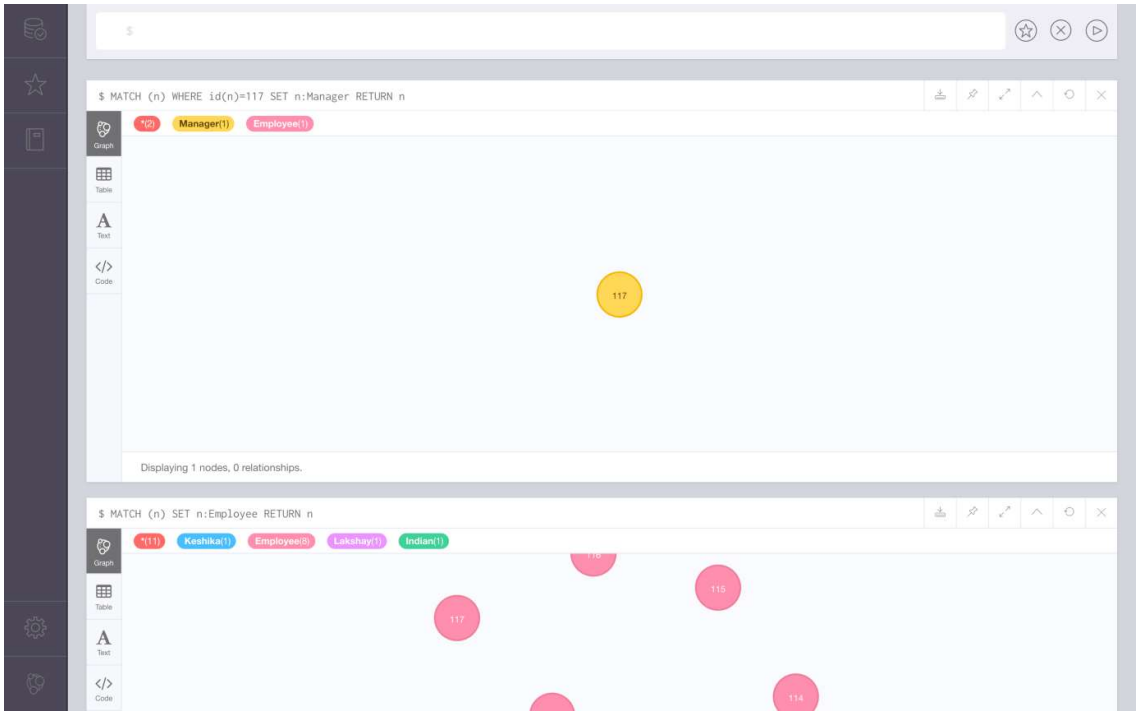
23) MATCH (n) RETURN n;



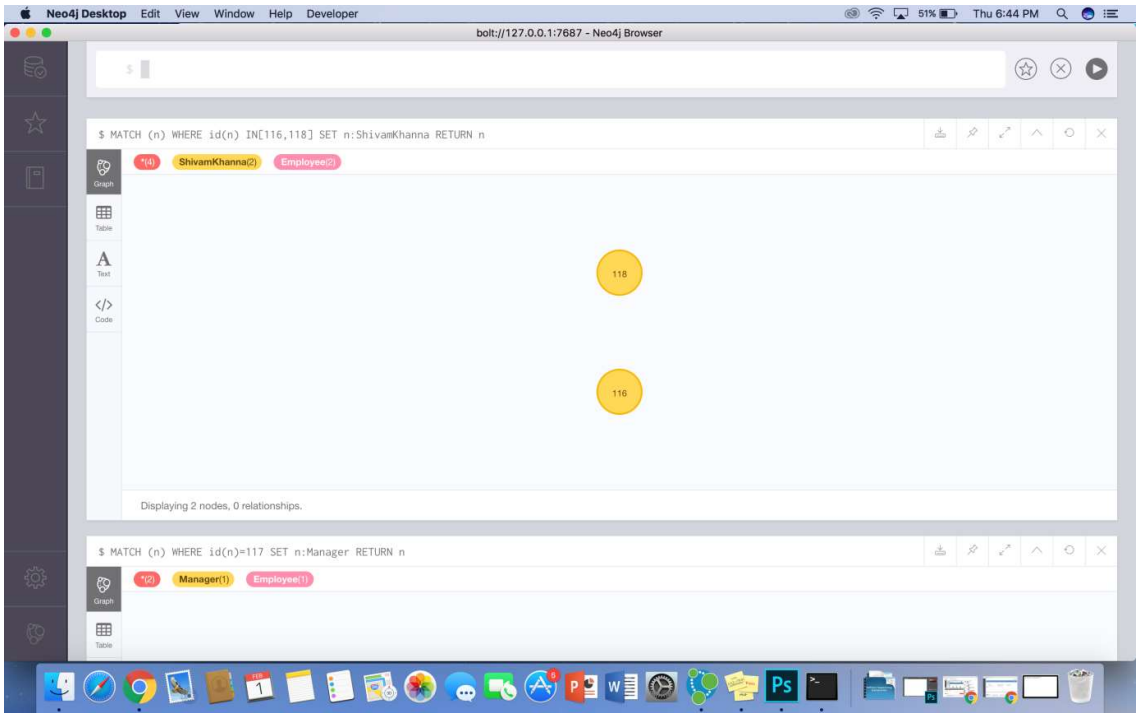
24) MATCH (n) SET n:Employee RETURN n;



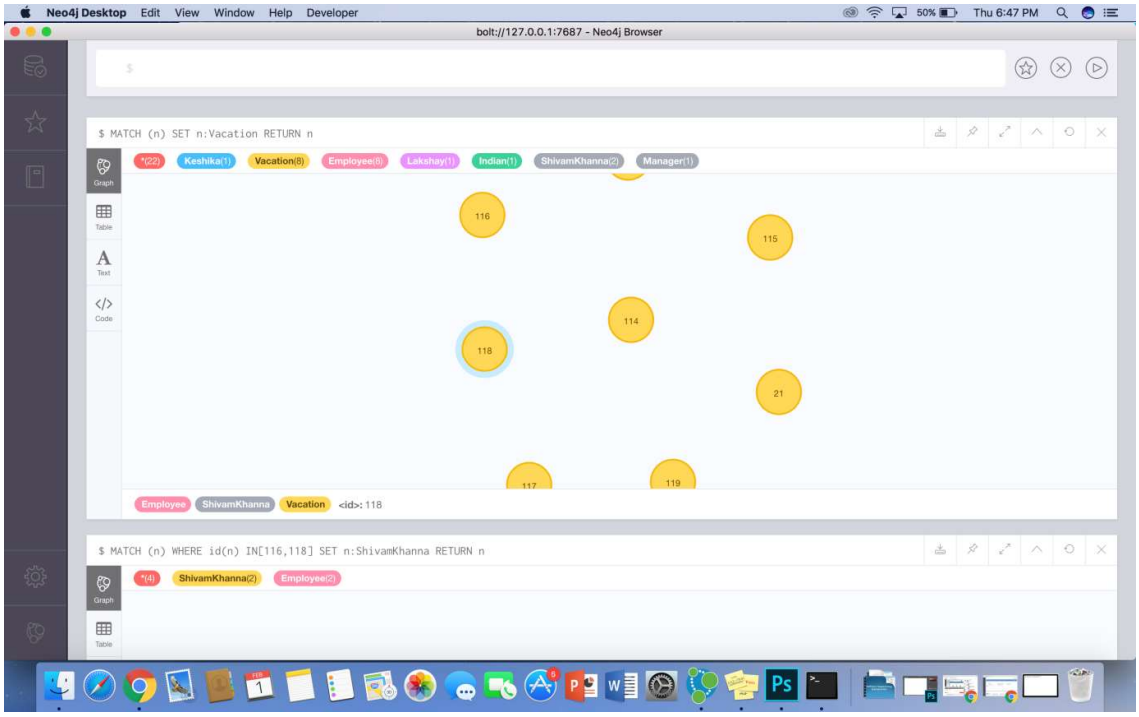
25) MATCH(n) WHERE id(n)=117 SET n:Manager RETURN n;



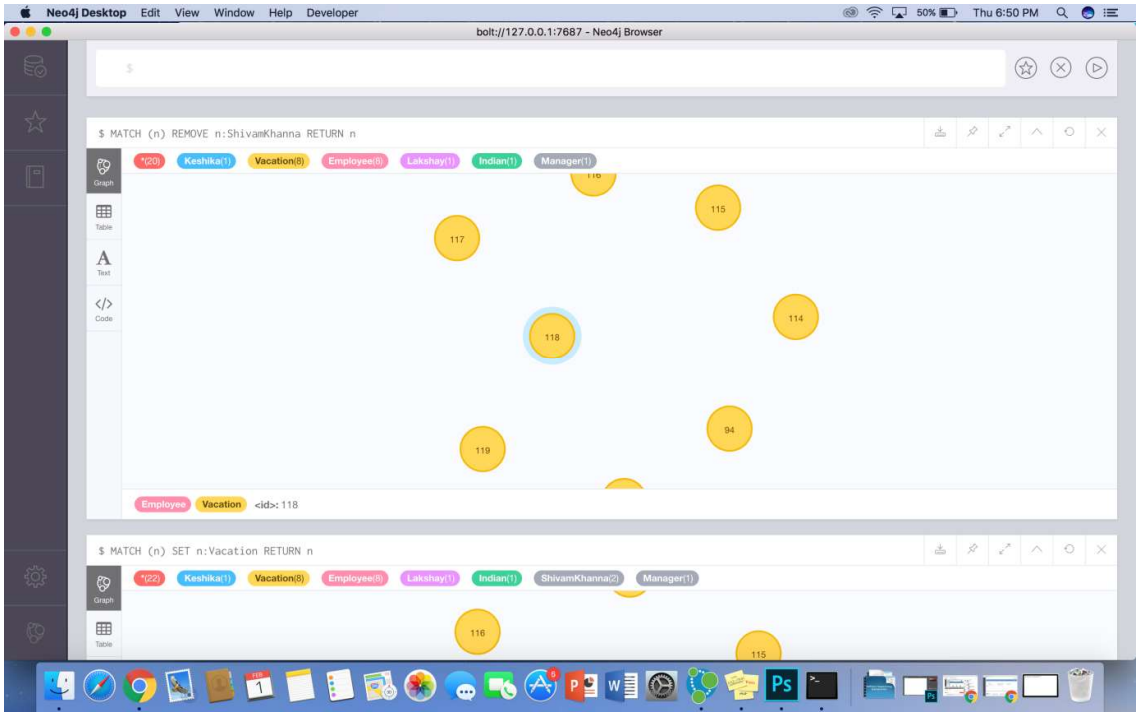
26) MATCH (n) WHERE id(n) IN[116,118] SET n:ShivamKhanna RETURN n;



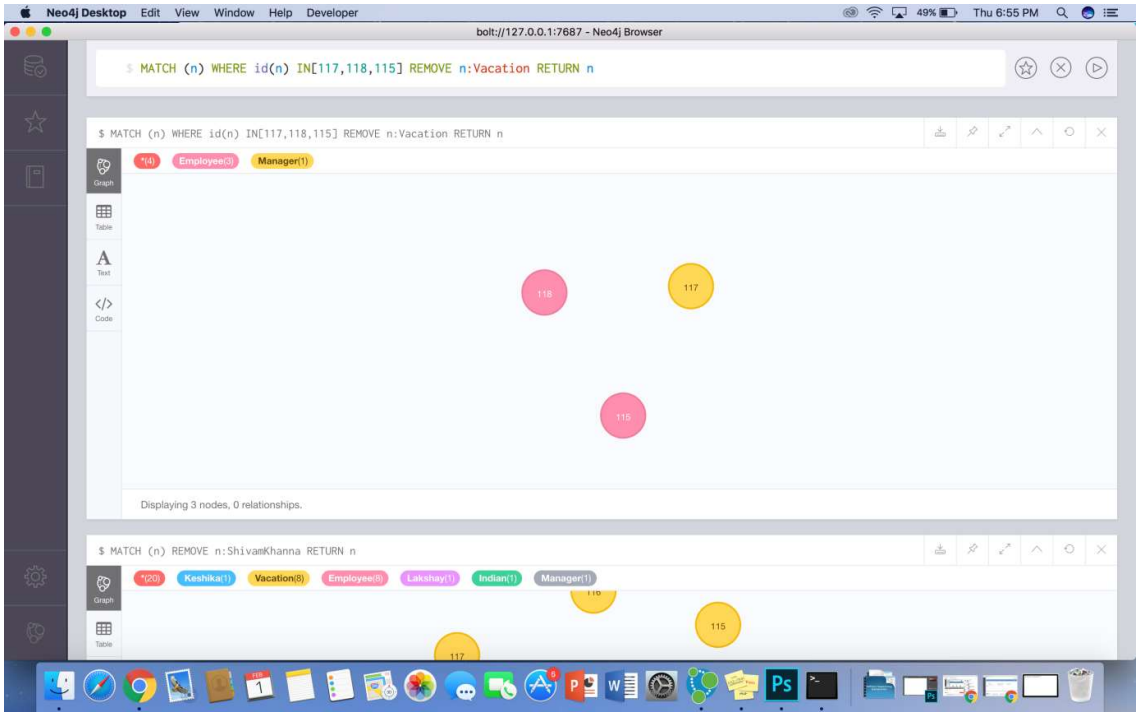
27) MATCH (n) SET n:Vacation RETURN n;



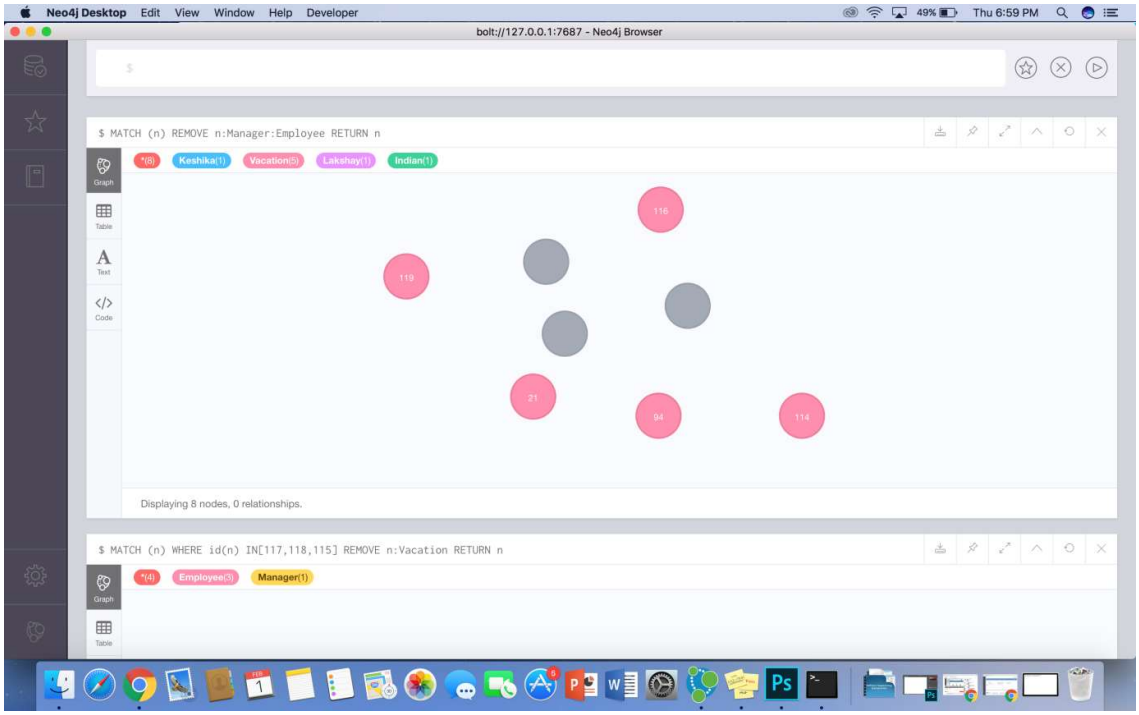
28) MATCH (n) REMOVE n:ShivamKhanna RETURN n;



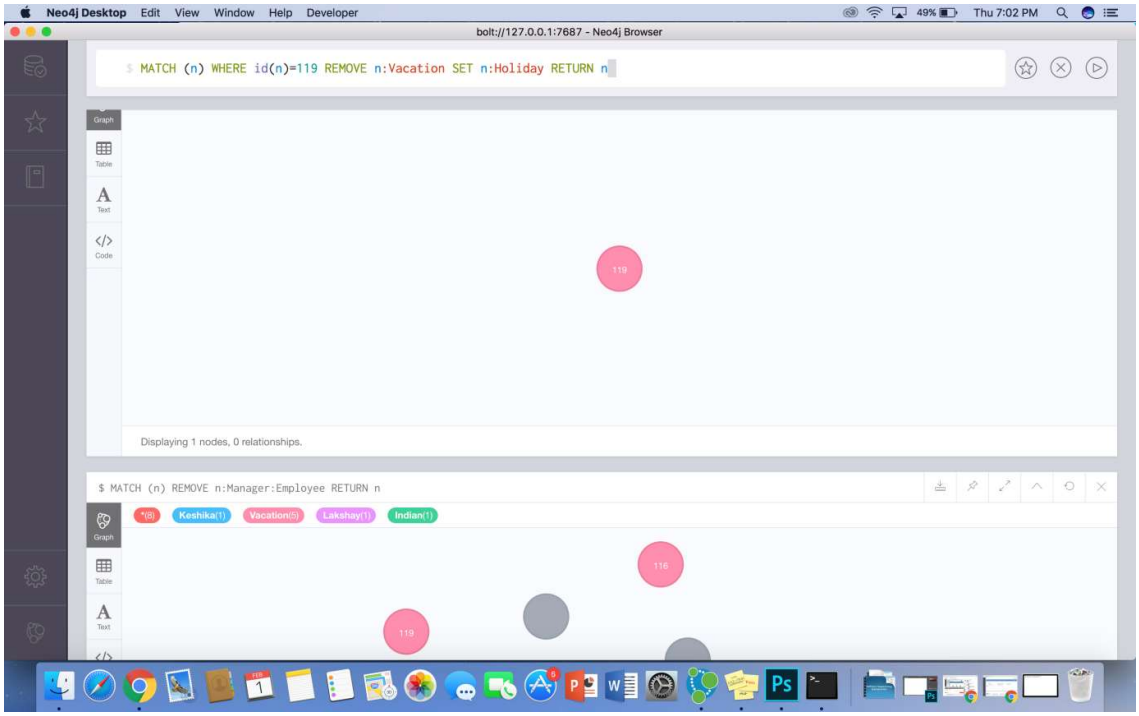
29) MATCH(n) WHERE id(n) In[117,118,115] REMOVE n:Vacation RETURN n;



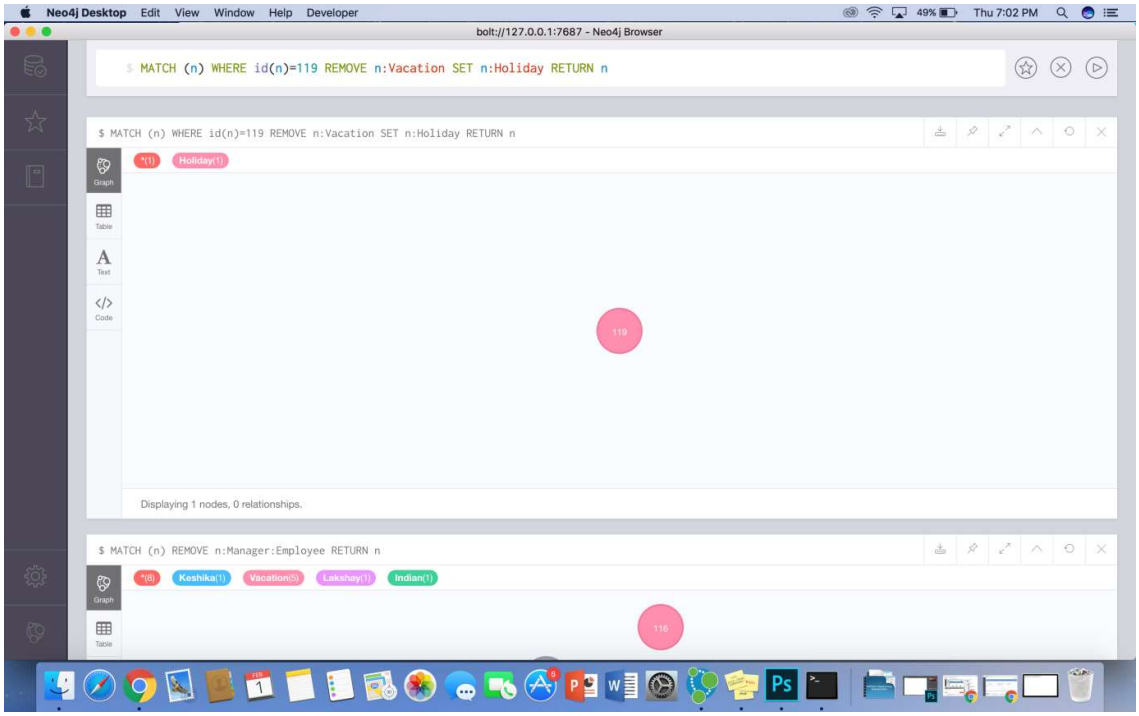
30) MATCH(n) REMOVE n:Manager:Employee RETURN n;



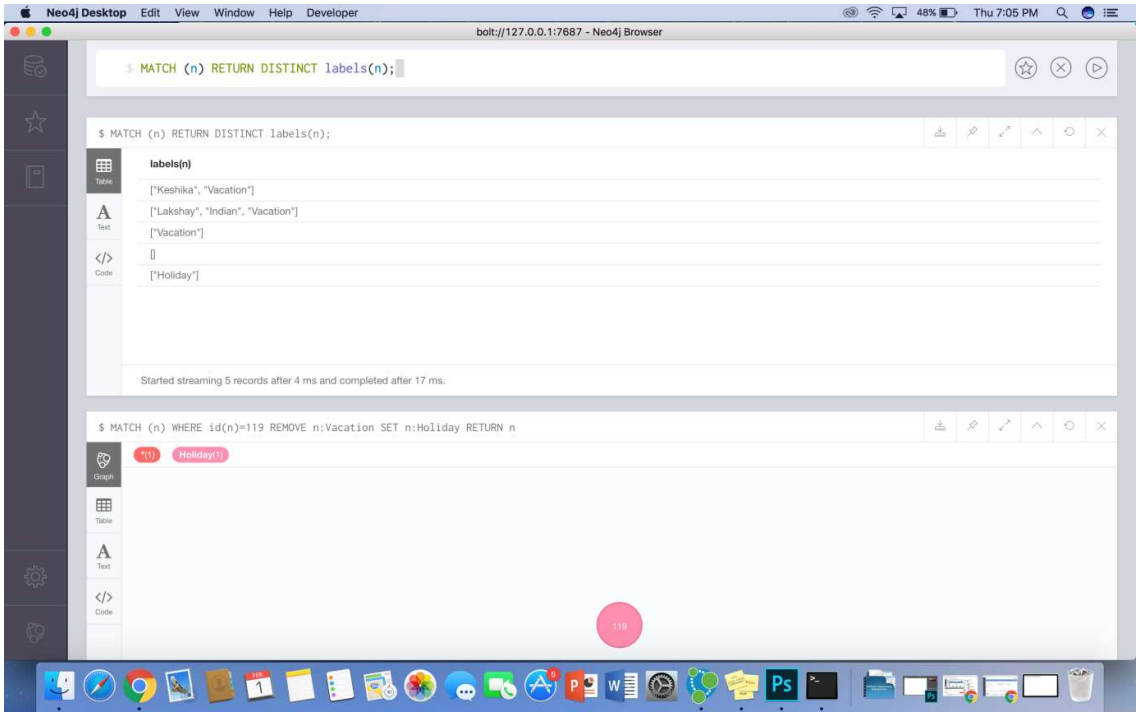
31) MATCH(n) WHERE id(n)=119 REMOVE n:Vacation SET n:Holiday RETURN n;



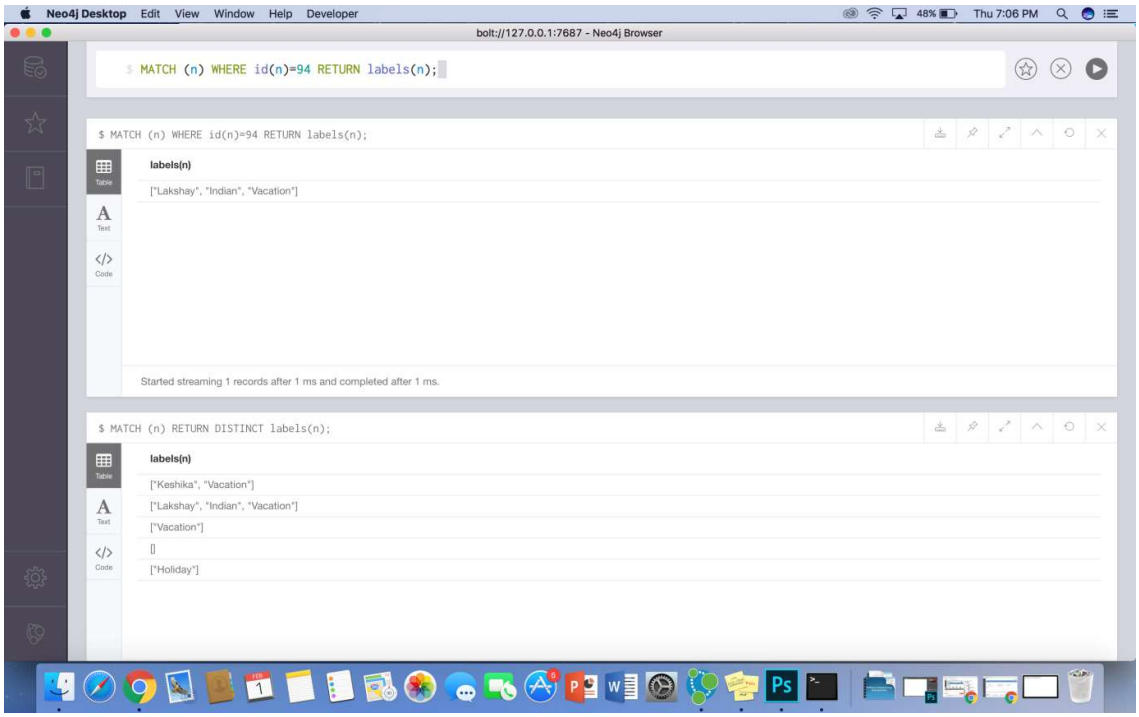
32) MATCH(n) WHERE id(n)=119 REMOVE n:Vacation SET n:Holiday RETURN n;



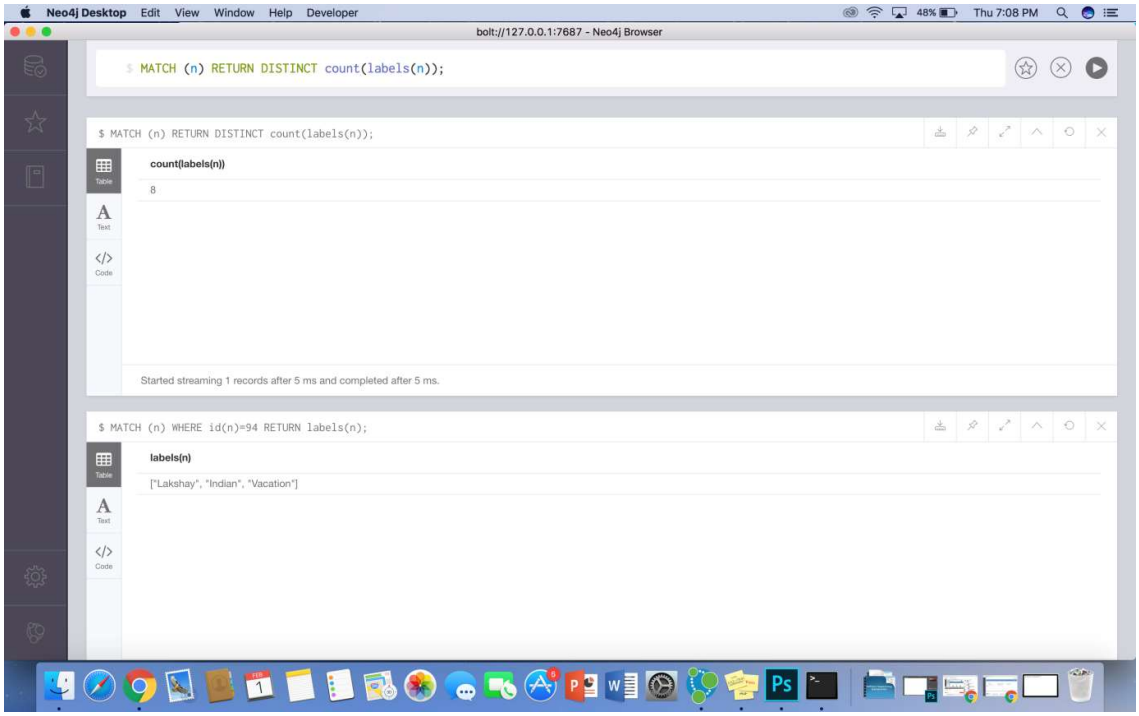
33) MATCH(n) RETURN DISTINCT labels(n);



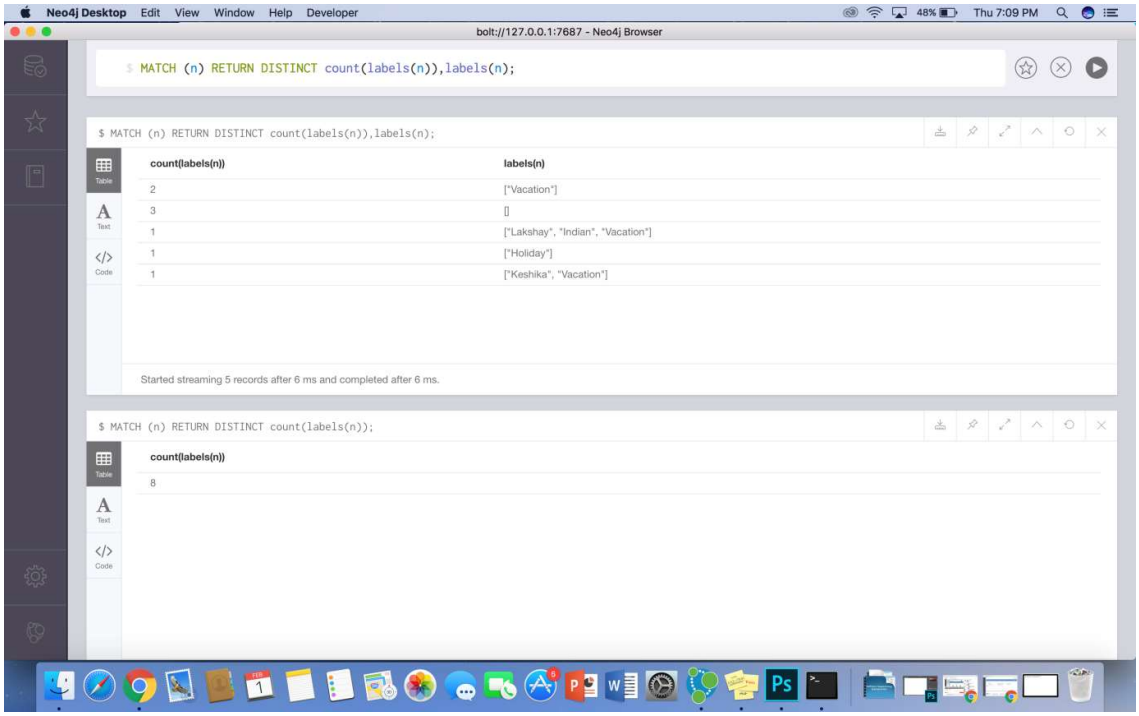
34) MATCH(n) WHERE id(n)=94 RETURN labels(n);



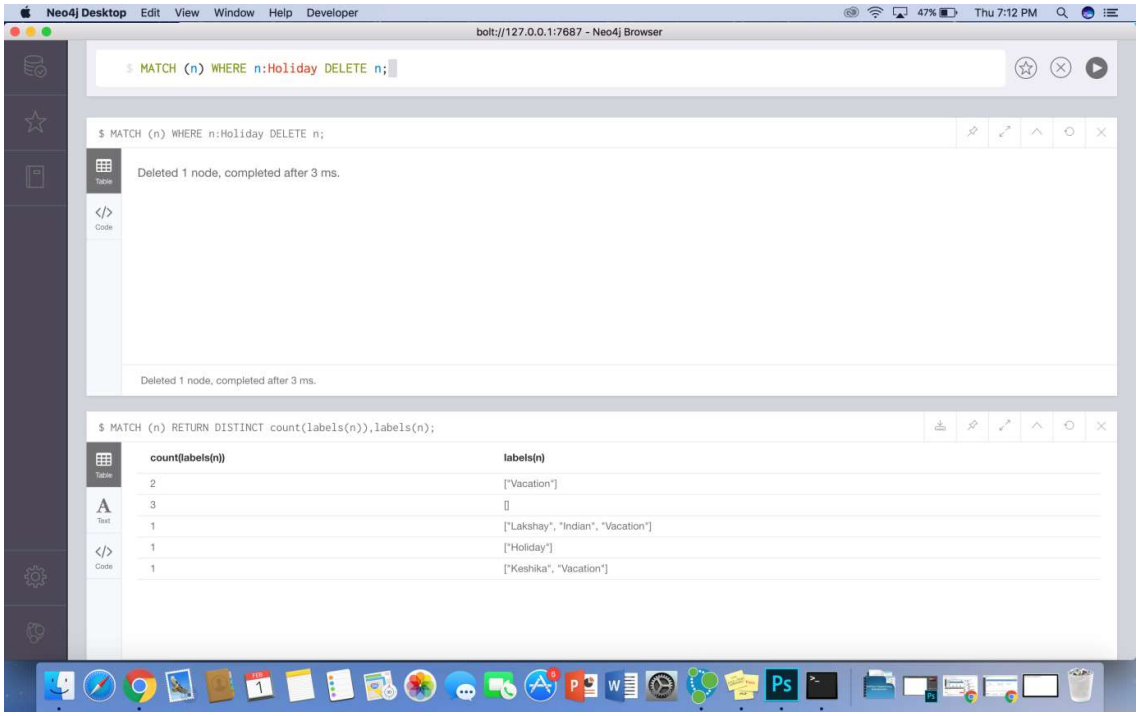
35) MATCH (n) RETURN DISTINCT count(labels(n));



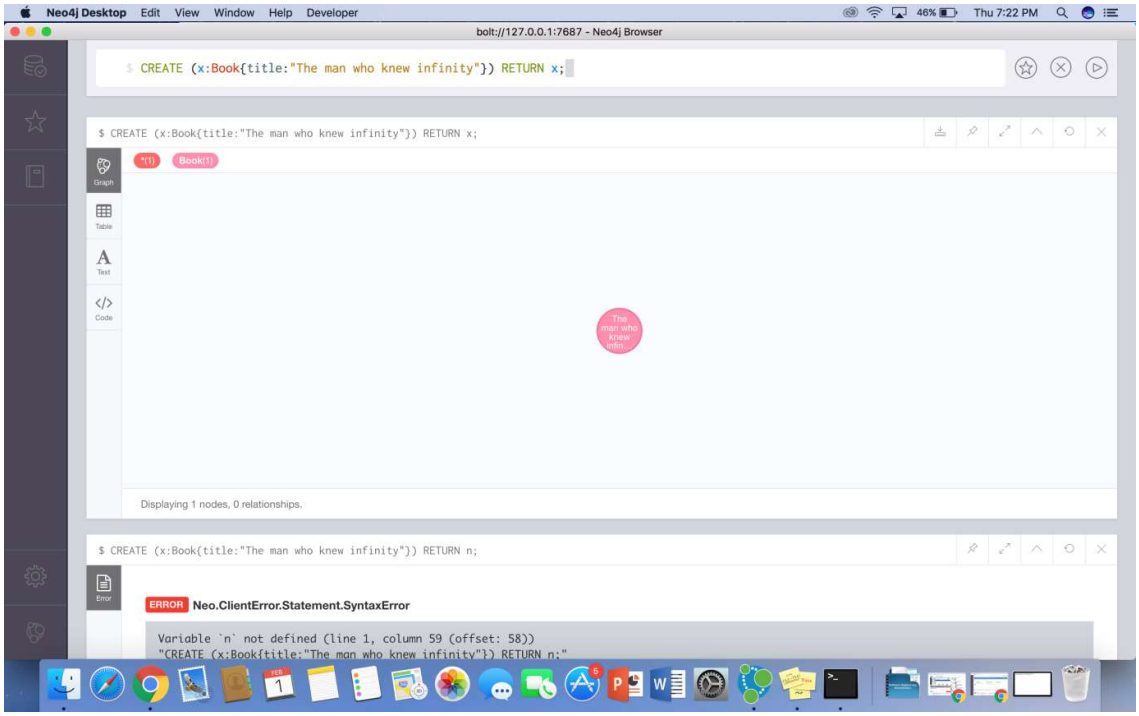
36) MATCH(n) RETURN DISTINCT count(labels(n)),labels(n);



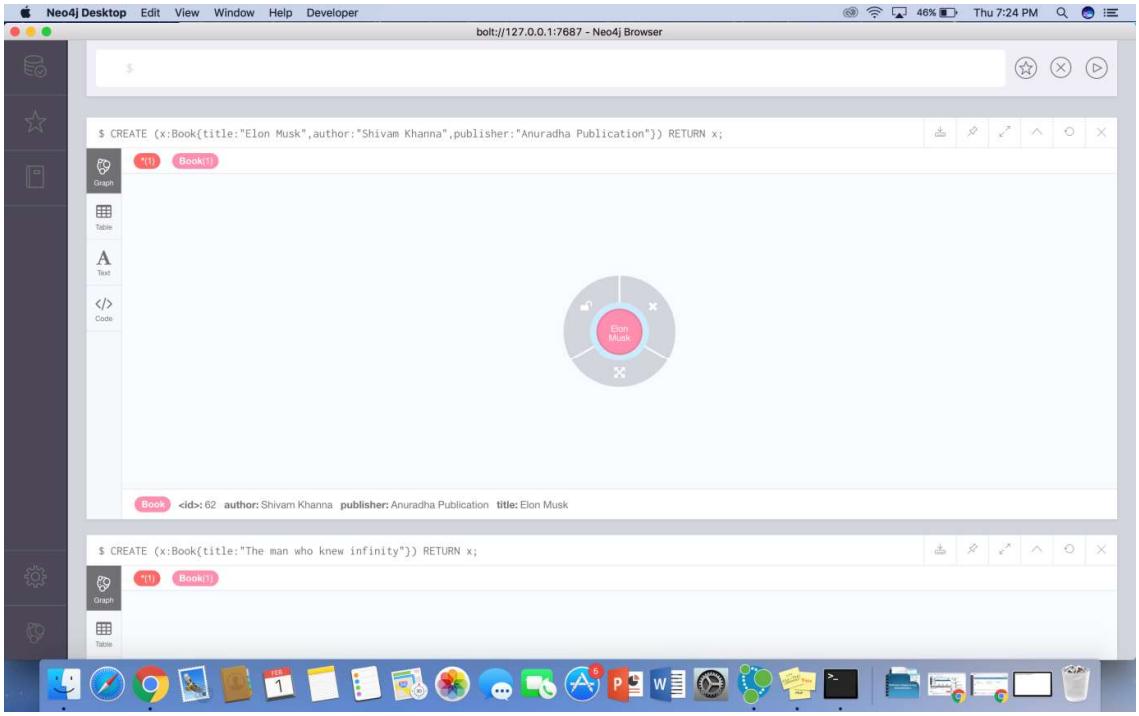
37) MATCH (n) WHERE n:Holiday DELETE n;



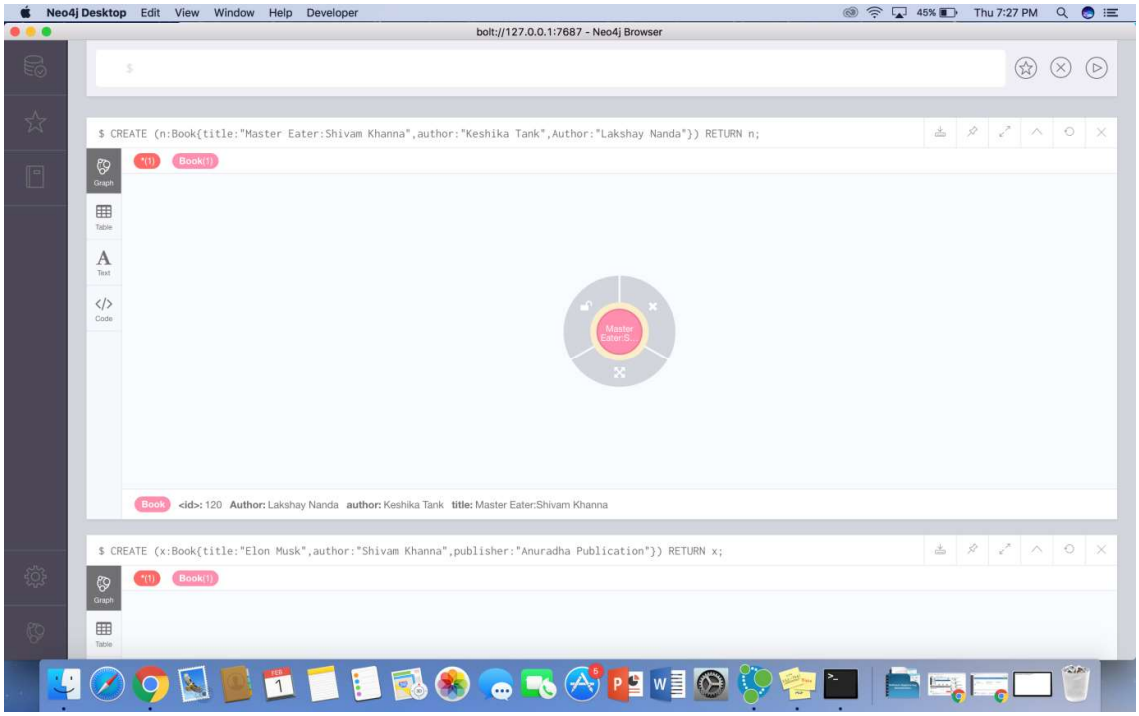
38) CREATE (x:Book(title:"The man who knew infinity"}) RETURN x;



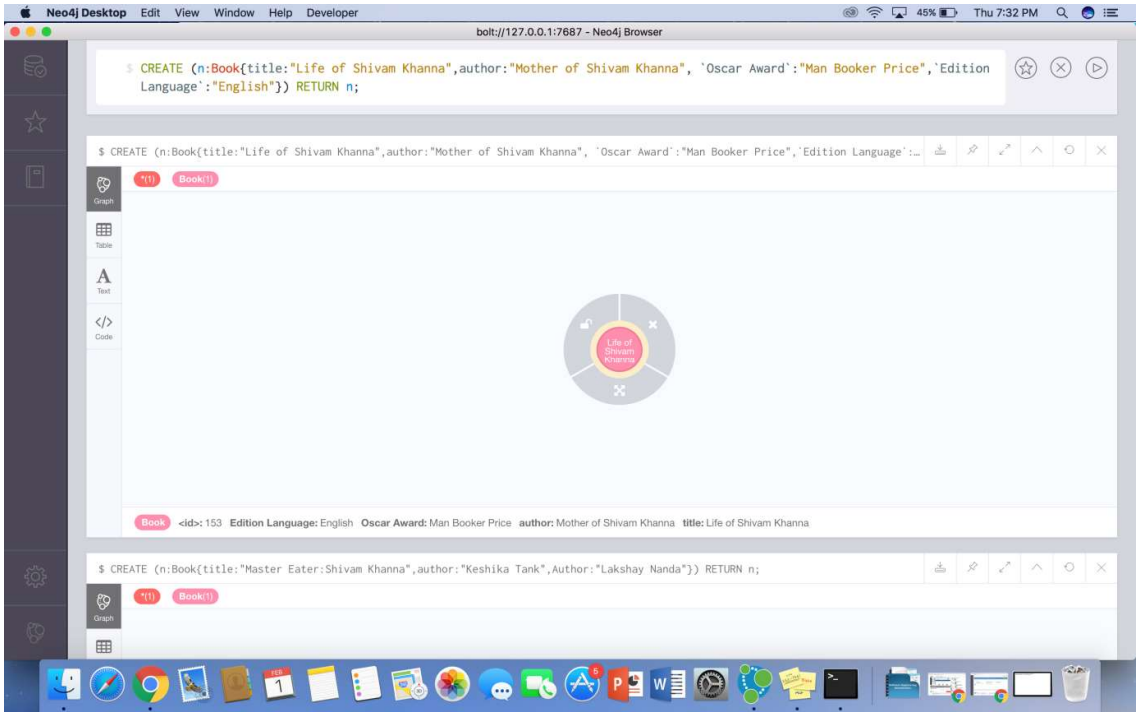
39) CREATE (x:Book(title:"Elon Musk", author:"Shivam Khanna",publisher:"Anuradha Publications"}) RETURN x;



40) CREATE (n:Book(title:"Master Eater: Shivam Khanna", author:"Keshika Tank", Author:"Lakshay Nanda"}) RETURN x

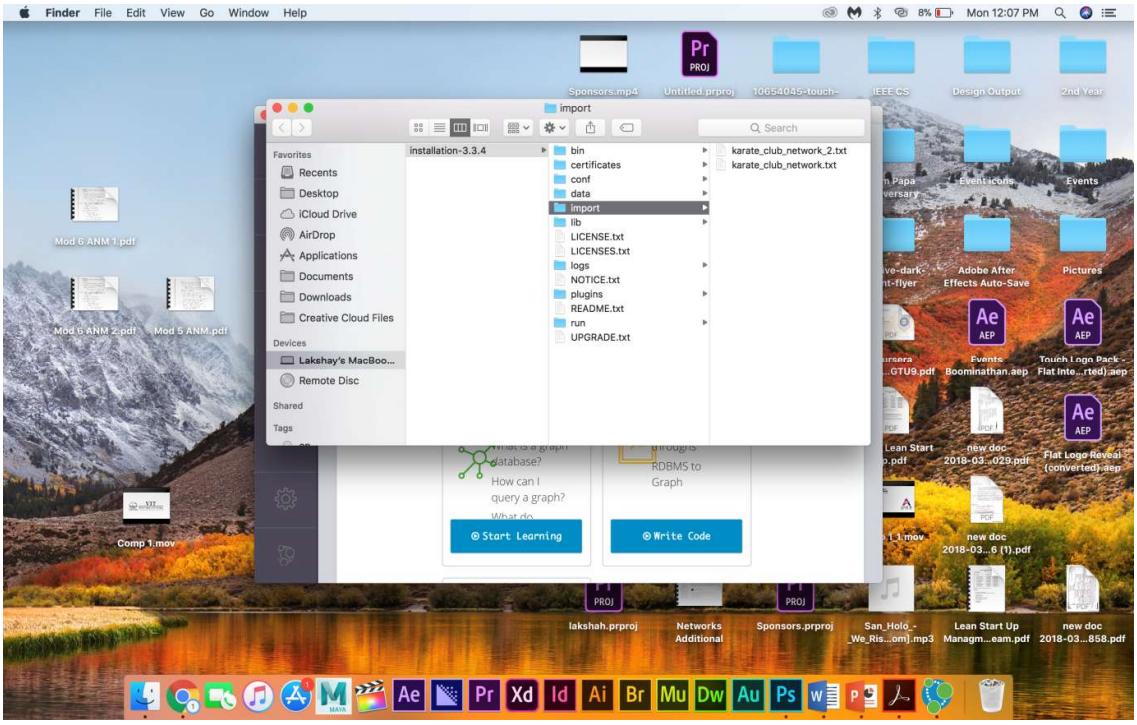


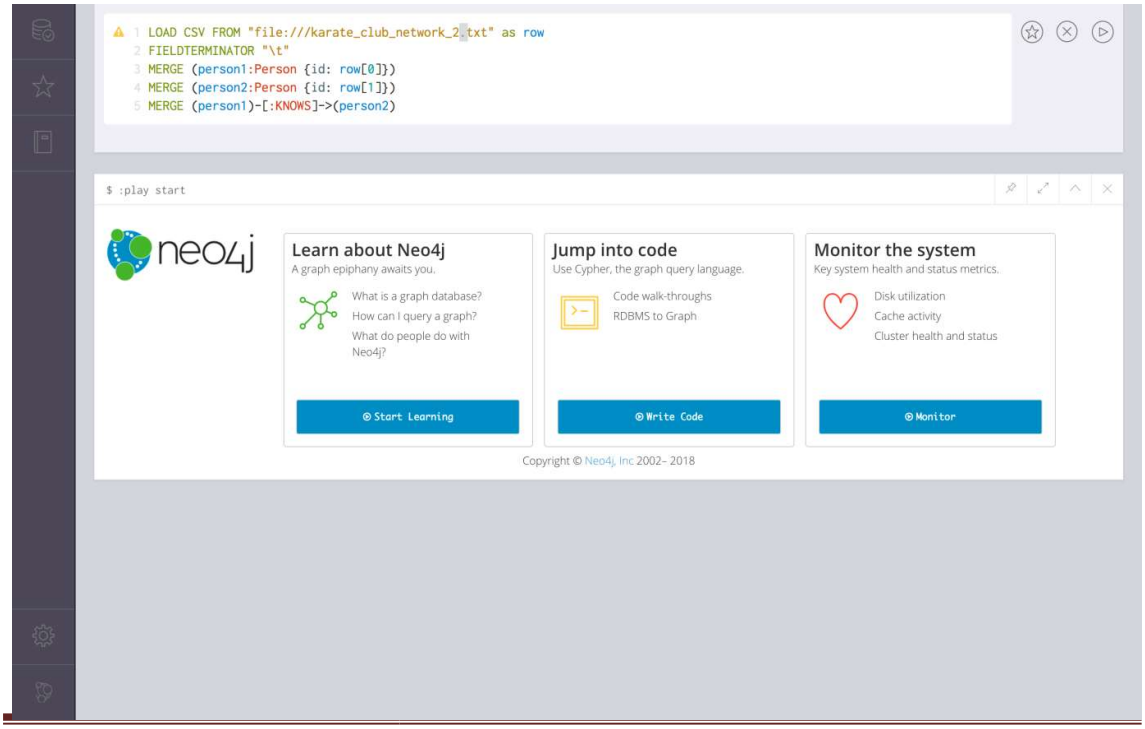
41) CREATE(n:Book(title:"Life of Shivam Khanna", author:"Mother of Shivam Khanna",`Oscar Award`:"Man Booker Price", 'Edition Language`:"English"}) RETURN n;

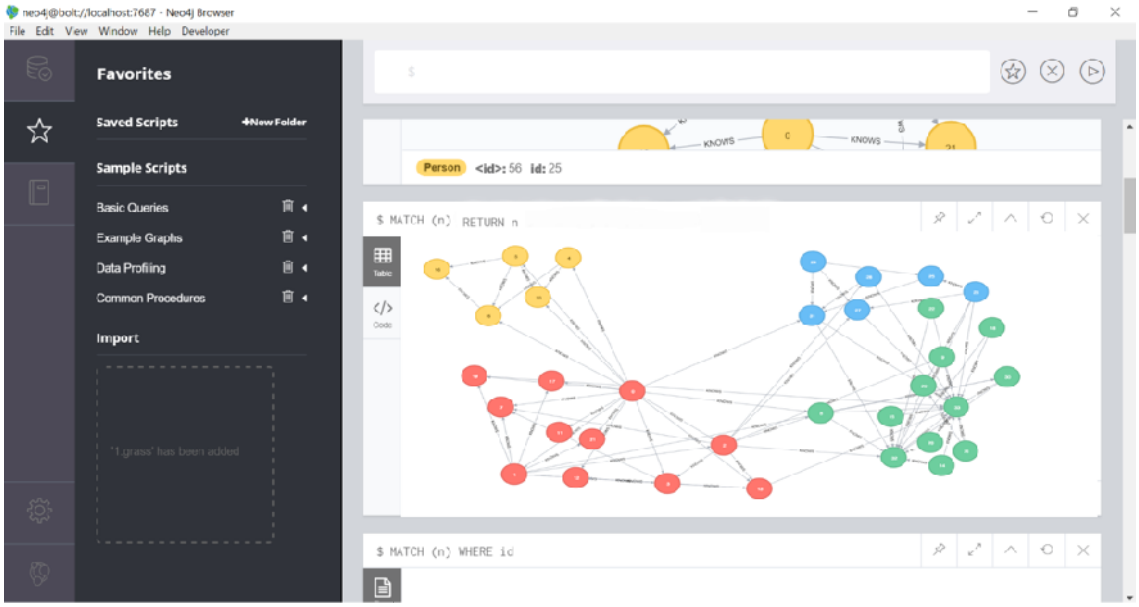


Tasks:-

1. SLM clustering







2. Work order management


CREATE (w2:Work {id:'w2'})
CREATE (t1:Task {id:'t1', requires:"(e1 & e2) | (e3 & !e4)"})
CREATE (t2:Task {id:'t2'})
CREATE (t3:Task {id:'t3'})
CREATE (e1:Event {id:'e1'})
CREATE (e4:Event {id:'e4'})
Added 10 labels, created 10 nodes, set 11 properties, completed after 134 ms.
Added 10 labels, created 10 nodes, set 11 properties, completed after 134 ms.
$:play start
neo4j
Learn about Neo4j
A graph epiphany awaits you.
What is a graph database?
How can I query a graph?
What do people do with Neo4j?
Jump into code
Use Cypher, the graph query language.
Code walk-throughs
RDBMS to Graph
Monitor the system
Key system health and status metrics.
Disk utilization
Cache activity
Cluster health and status

THANK YOU!!