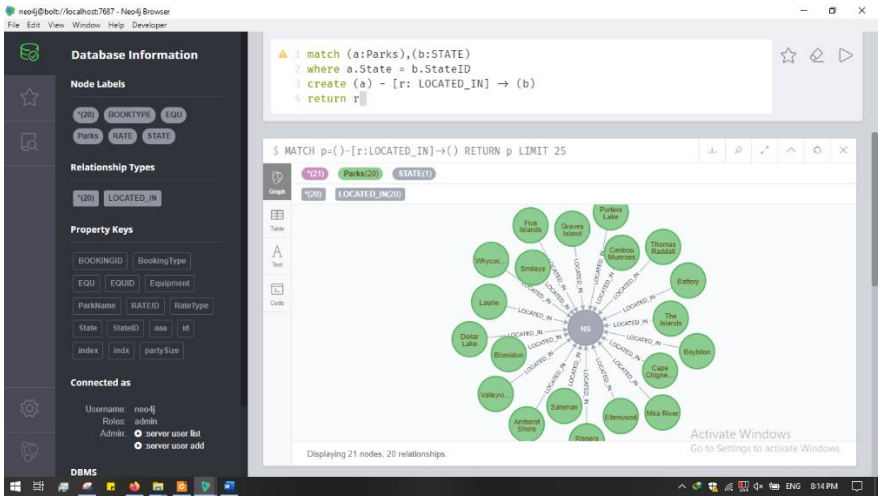
Queries:

After loading all provided csv files execute following queries

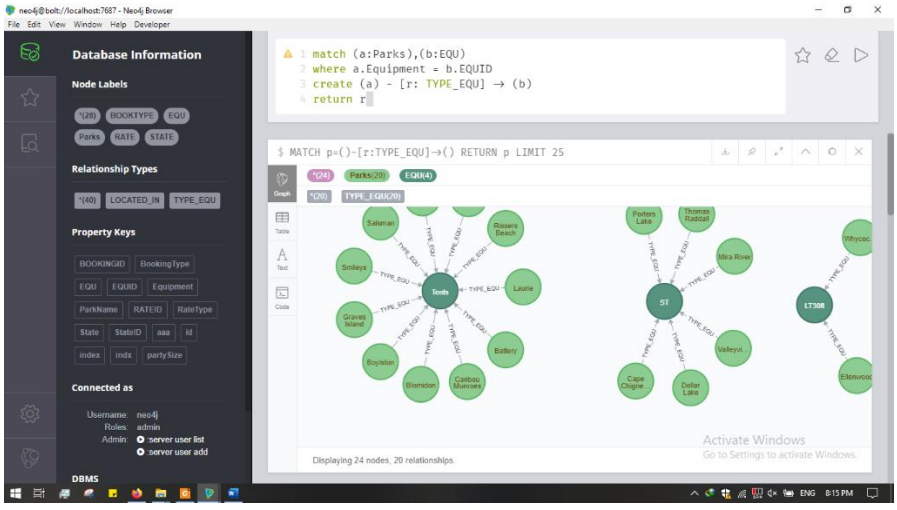
1. Create relationship between parks and state

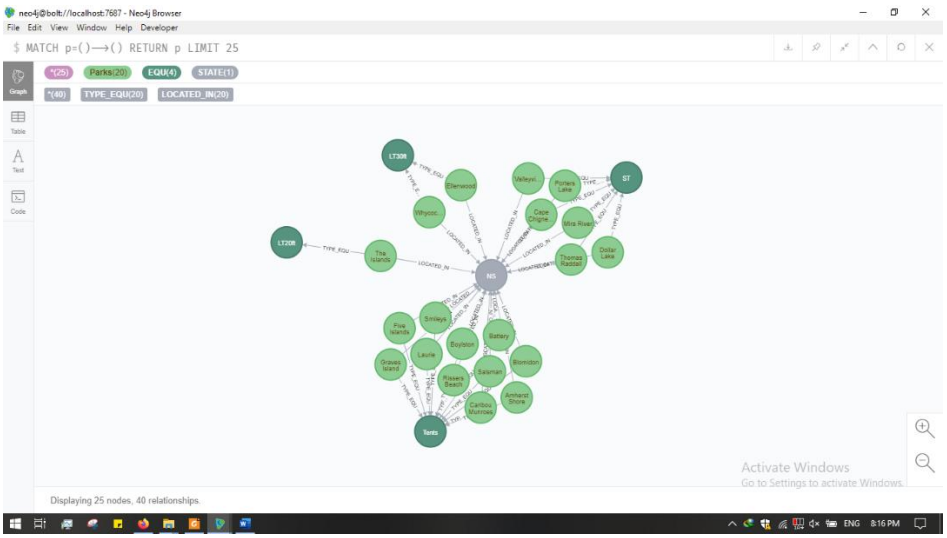
   Match (a:Parks),(b:Parks)
   where a.State = b.StateID
   create (a)-[r:LOCATED_IN]->(b)
   return r



2. Create relationship between parks and equipment

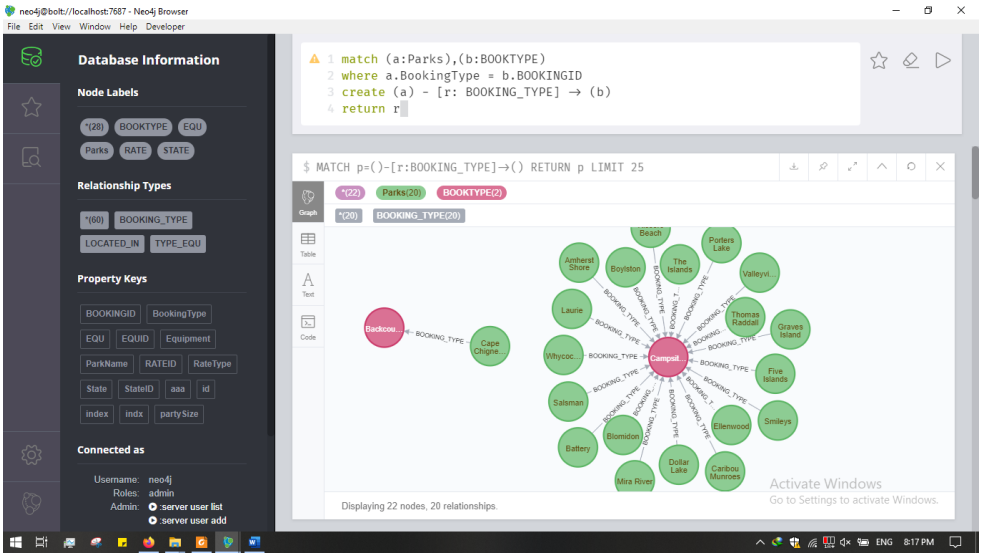
   Match (a:Parks),(b:EQU)
   where a.Equipment = b.EQUID
   create (a)-[r:TYPE_EQU]->(b)
   return r





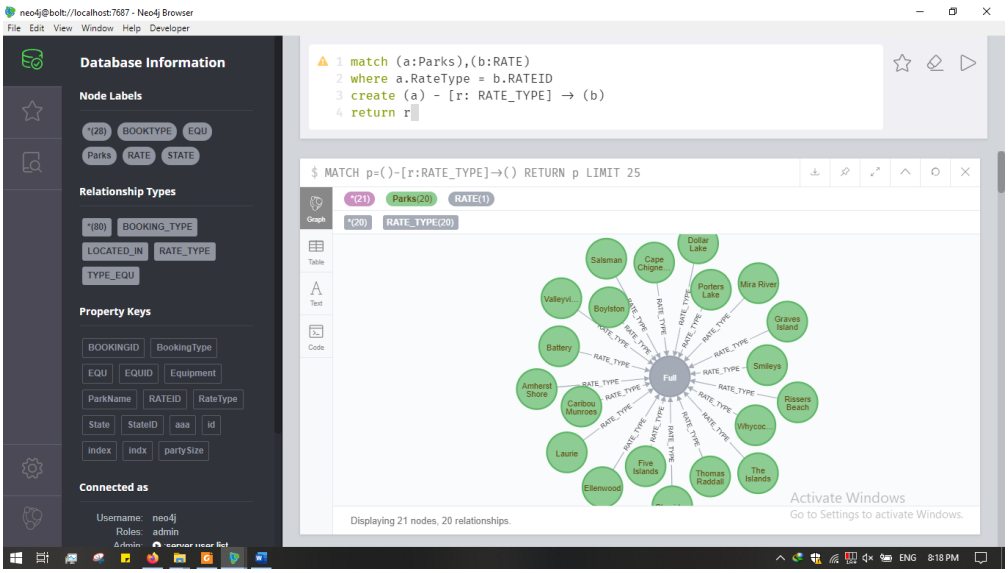
3. Create relationship between parks and bookingtype

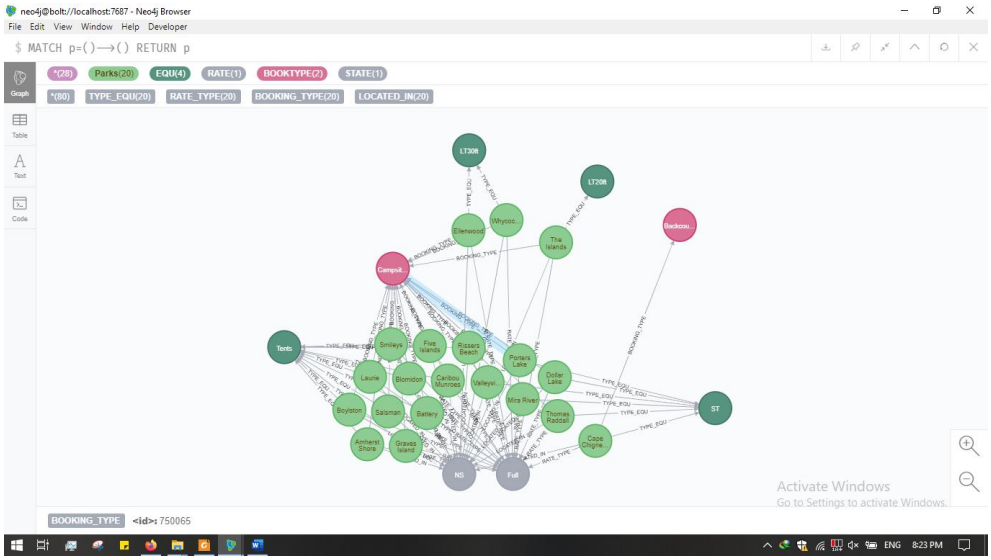
```
Match (a:Parks),(b:Parks)
where a.BookingType = b.BOOKINGID
create (a)-[r:BOOKING_TYPE]->(b)
return r
```



4. Create relationship between parks and ratetype

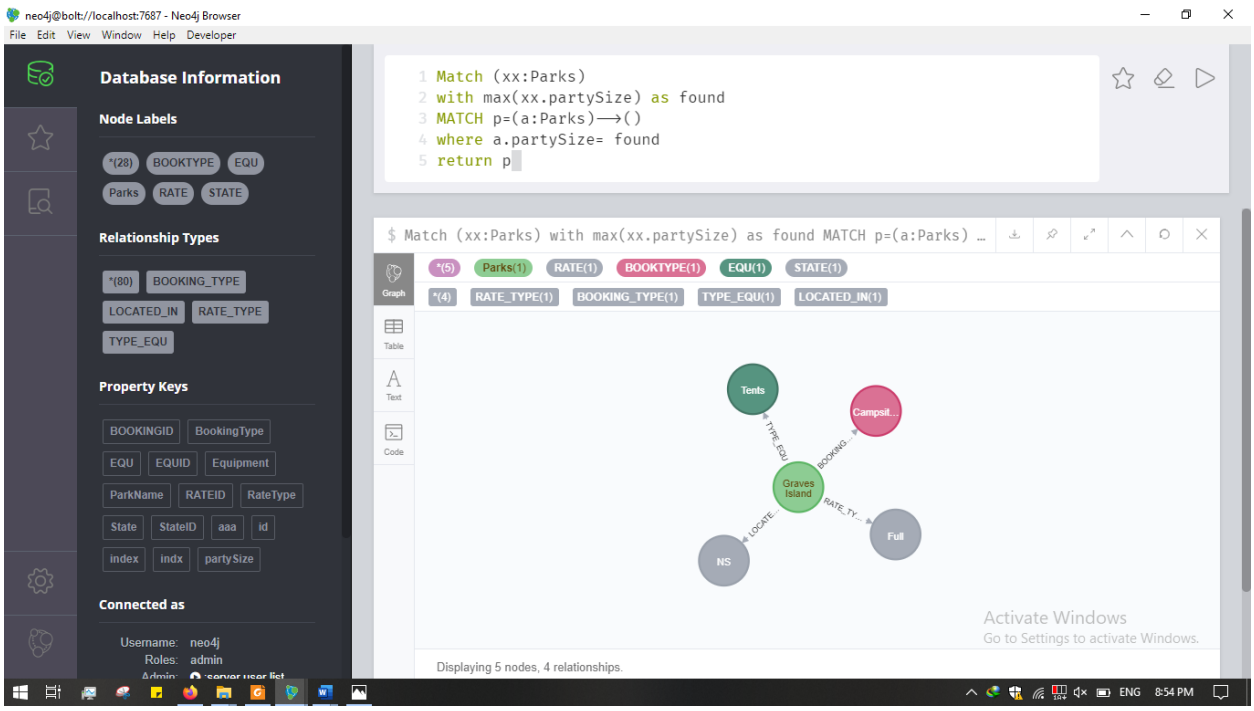
```
Match (a:Parks),(b:RATE)
where a.RateType = b.RATEID
create (a)-[r:BOOKING_TYPE]->(b)
return r
```





5. Find parkname having maximum partysize

match (xx: Parks)
with max(xx.PartySize) as found
match p=(a:Parks)→()
where a.PartySize=found
return p


neo4j@bolt://localhost:7687 - Neo4j Browser
File Edit View Window Help Developer
Database Information
Node Labels
*(28) BOOKTYPE EQU
Parks RATE STATE
Relationship Types
*(80) BOOKING_TYPE
LOCATED_IN RATE_TYPE
TYPE_EQU
Property Keys
BOOKINGID BookingType
EQU EQUID Equipment
ParkName RATEID RateType
State StateID aaa id
index indx partySize
Connected as
Username: neo4j
Roles: admin
1 Match (xx:Parks)
2 with max(xx.partySize) as found
3 MATCH p=(a:Parks)⟶()
4 where a.partySize= found
5 return p
$ Match (xx:Parks) with max(xx.partySize) as found MATCH p=(a:Parks) …
Graph
Table
Text
Code
*(5) Parks(1) RATE(1) BOOKTYPE(1) EQU(1) STATE(1)
*(4) RATE_TYPE(1) BOOKING_TYPE(1) TYPE_EQU(1) LOCATED_IN(1)
Tents
Campsit…
Graves Island
NS
Full
TYPE_EQU
BOOKING…
LOCATE…
RATE_TY…
Activate Windows
Go to Settings to activate Windows.
Displaying 5 nodes, 4 relationships.
ENG 8:54 PM