

A: Parque Central

B: Don Colon Restaurant

C: Simón 7-84

D: La Villa

E: Guajibamba

F: PHO Vietnamita Bistro

G: EL MERCADO Restaurant

H: Tiesto's Café Restaurant

I: Fabiano's Pizzeria

J: Cositas Restaurants

K: Paradise Indian Restaurant Cuenca

L: La Esquina

M: EL Capitan

N: La Herradura Parrilladas

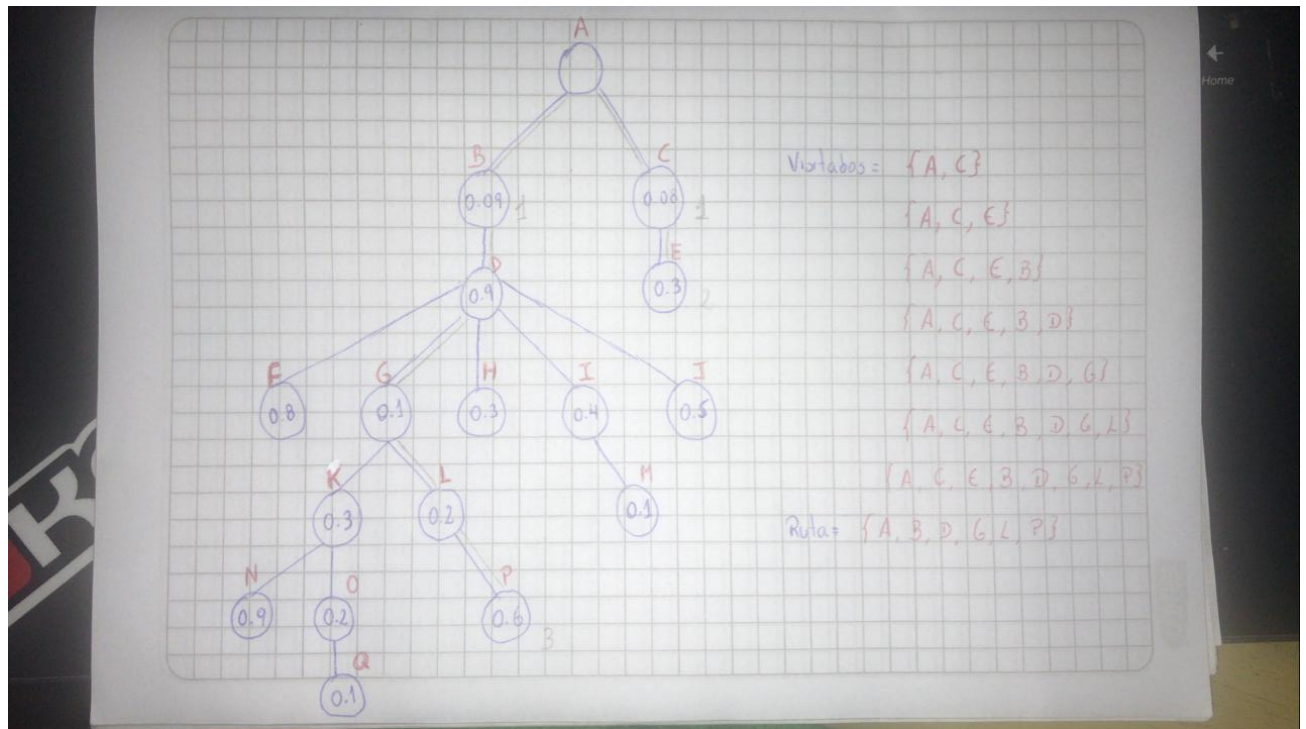
O: Zircus Restaurant

P: Salon Las Estrellas

Q: Barbecue Palace Indian restaurant

Inicio: A

Meta: Q



NEO4J

```
CREATE (a:Loc {name: 'Parque Central'}),  
      (b:Loc {name: 'Don Colon Restaurant'}),  
      (c:Loc {name: 'Simón 7-84'}),  
      (d:Loc {name: 'La Villa'}),  
      (e:Loc {name: 'Guajibamba'}),  
      (f:Loc {name: 'PHP Vietnamita Bistro'}),  
      (g:Loc {name: 'EL MERCADO Restaurant'}),  
      (h:Loc {name: 'Tiesto's Café Restaurant'}),  
      (i:Loc {name: 'Fabiano's Pizzeria'}),  
      (j:Loc {name: 'Cositas Restaurants'}),  
      (k:Loc {name: 'Paradise Indian Restaurant Cuenca'}),  
      (l:Loc {name: 'La Esquina'}),  
      (m:Loc {name: 'EL Capitan'}),  
      (n:Loc {name: 'La Herradura Parrilladas'}),  
      (o:Loc {name: 'Zircus Restaurant'}),  
      (p:Loc {name: 'Salon Las Estrellas'}),
```

(q:Loc {name: 'Barbecue Palace Indian restaurant'}),

(a)-[:ROAD {cost: 0.09}]->(b),

(a)-[:ROAD {cost: 0.08}]->(c),

(c)-[:ROAD {cost: 0.3}]->(e),

(b)-[:ROAD {cost: 0.9}]->(d),

(d)-[:ROAD {cost: 0.8}]->(f),

(d)-[:ROAD {cost: 0.1}]->(g),

(d)-[:ROAD {cost: 0.3}]->(h),

(d)-[:ROAD {cost: 0.4}]->(i),

(d)-[:ROAD {cost: 0.5}]->(j),

(g)-[:ROAD {cost: 0.3}]->(k),

(g)-[:ROAD {cost: 0.2}]->(l),

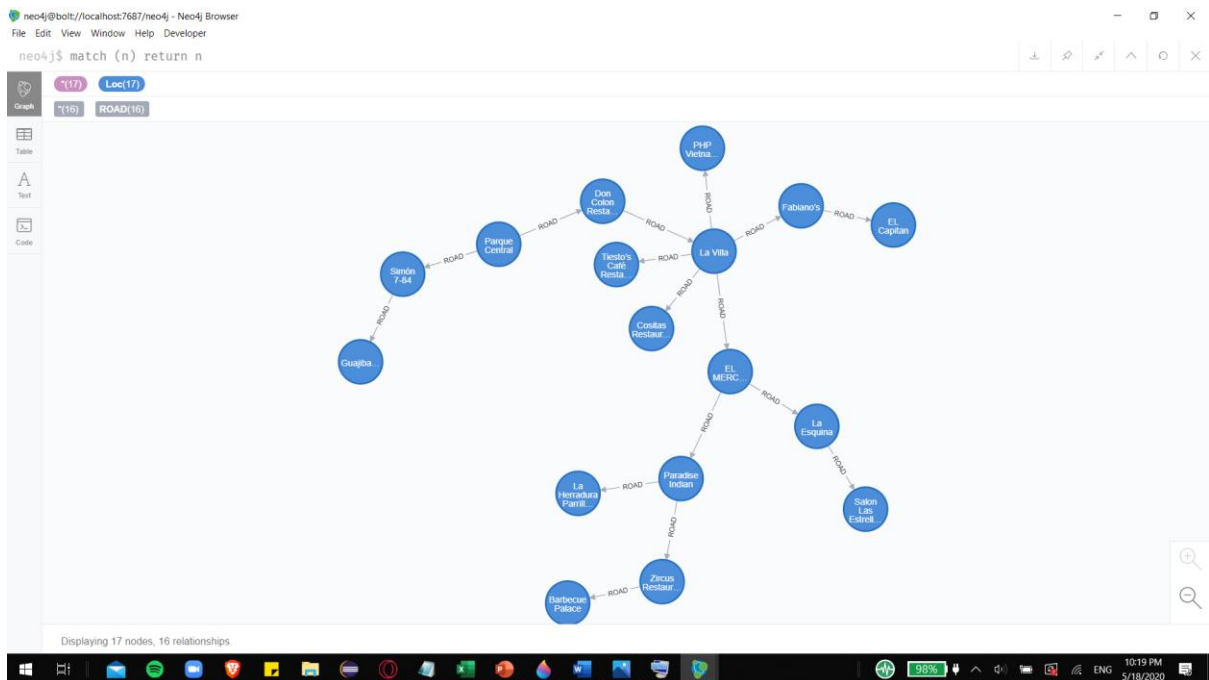
(i)-[:ROAD {cost: 0.1}]->(m),

(k)-[:ROAD {cost: 0.9}]->(n),

(k)-[:ROAD {cost: 0.2}]->(o),

(l)-[:ROAD {cost: 0.6}]->(p),

(o)-[:ROAD {cost: 0.1}]->(q);



```

MATCH (start:Loc {name: 'Parque Central'}), (end:Loc {name: 'Barbecue Palace Indian restaurant'})

CALL gds.alpha.shortestPath.stream({

  nodeQuery:'MATCH(n:Loc) RETURN id(n) AS id',

  relationshipQuery:'MATCH(n:Loc)-[r:ROAD]->(m:Loc) RETURN id(n) AS source, id(m) AS target,
r.cost AS weight',

  startNode: start,

  relationshipWeightProperty: 'weight',

  endNode: end

})

YIELD nodeld, cost

RETURN gds.util.asNode(nodeld).name AS name, cost

```

neo4j@bolt://localhost:7687/neo4j - Neo4j Browser

File Edit View Window Help Developer

neo4j\$

neo4j\$ MATCH (start:Loc {name: 'Parque Central'}), (end:Loc {name: 'Barbecue Palace Indian restaurant'}) CALL gds.alpha...

name	cost
"Parque Central"	0.0
"Don Colon Restaurant"	0.09
"La Villa"	0.99
"EL MERCADO Restaurant"	1.09
"Paradise Indian Restaurant Cuenca"	1.3900000000000001
"Zircus Restaurant"	1.59
"Barbecue Palace Indian restaurant"	1.6900000000000002

Started streaming 7 records after 1 ms and completed after 39 ms.

neo4j\$ MATCH (start:Loc {name: 'Parque Central'}), (end:Loc {name: 'Barbecue Palace Indian restaurant'}) CALL gds.alpha...

nodeCount	totalCost
7	1.6900000000000002

11:11 PM 5/18/2020