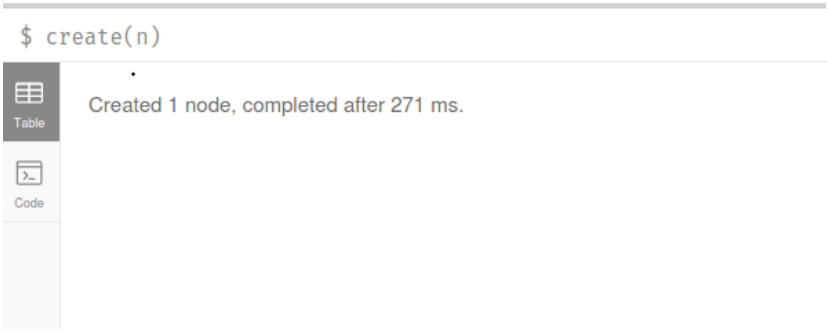
WEEK2: INTRODUCTION TO GRAPH DATABASE

NAME: TUSHAR Y S

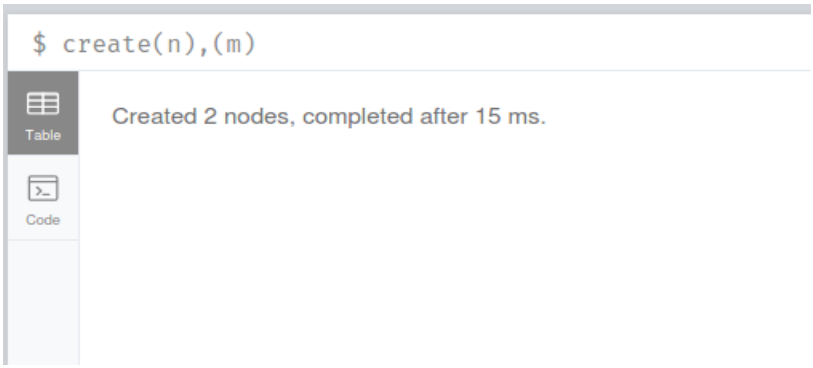
SRN : PES1UG19CS545 (Section: I)

1. Create node and relationships:

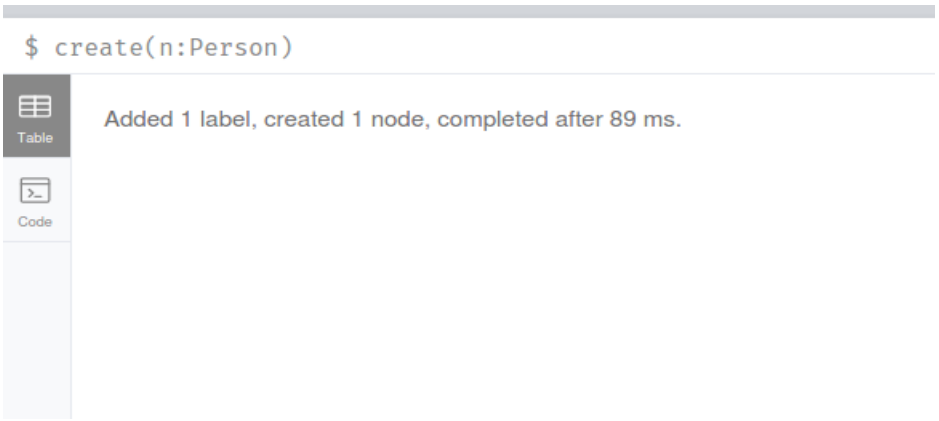
- Create a single node:



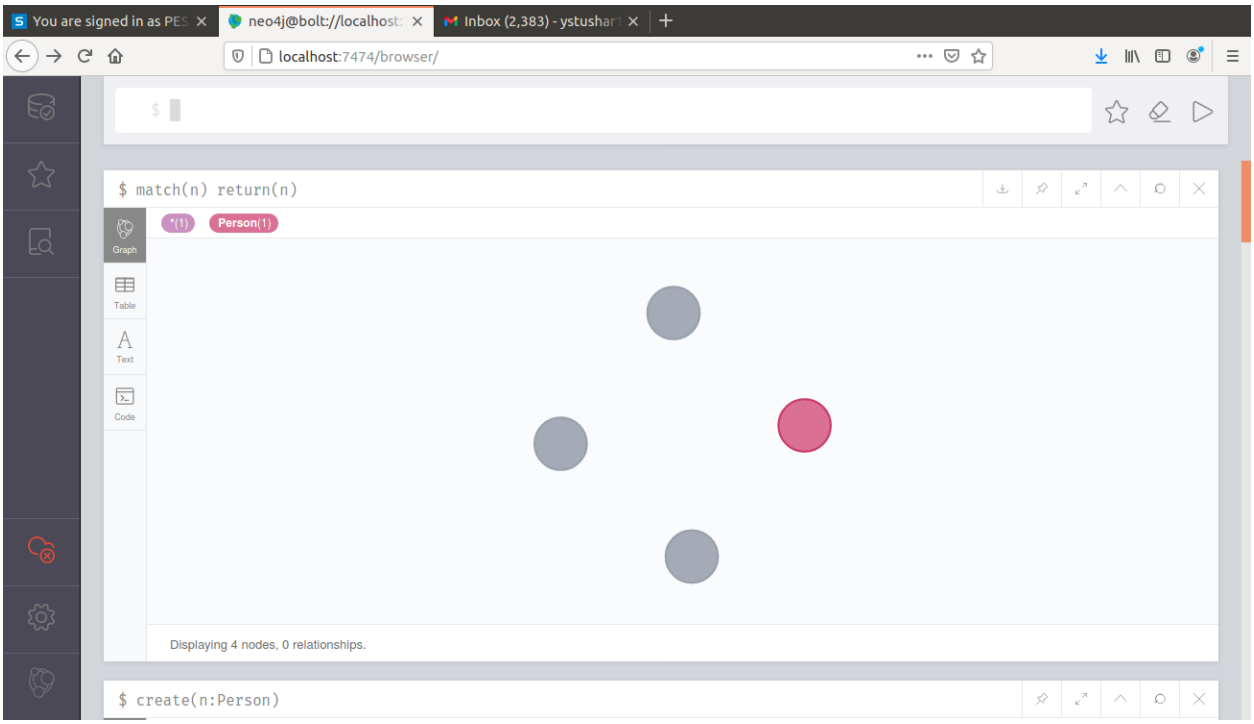
- Create multiple nodes:



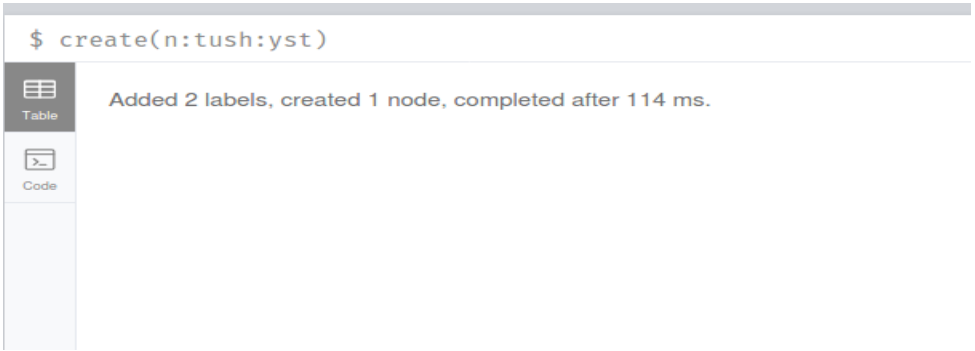
- Create a node with a label:

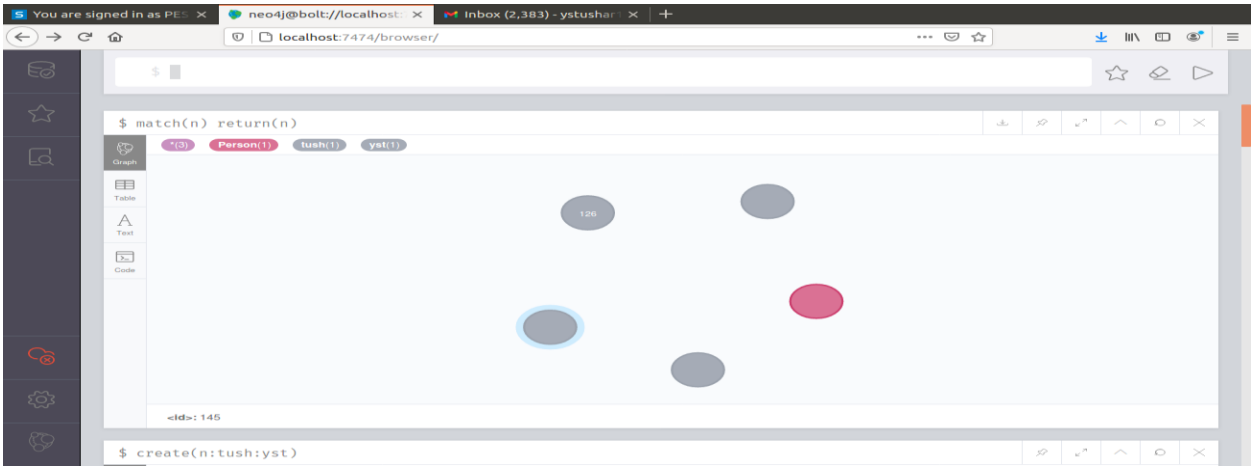


- View nodes:



- Create a node with multiple labels:





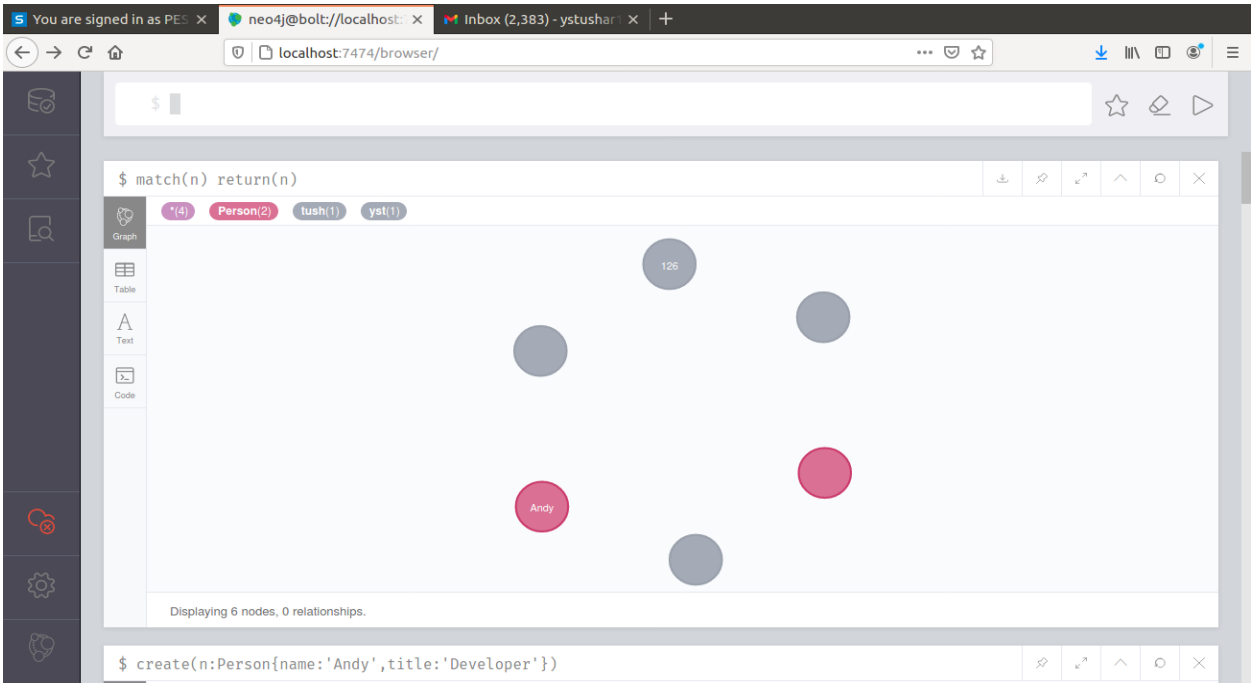
- Create node and add labels and properties:

```
$ create(n:Person{name:'Andy',title:'Developer'})
```

Table

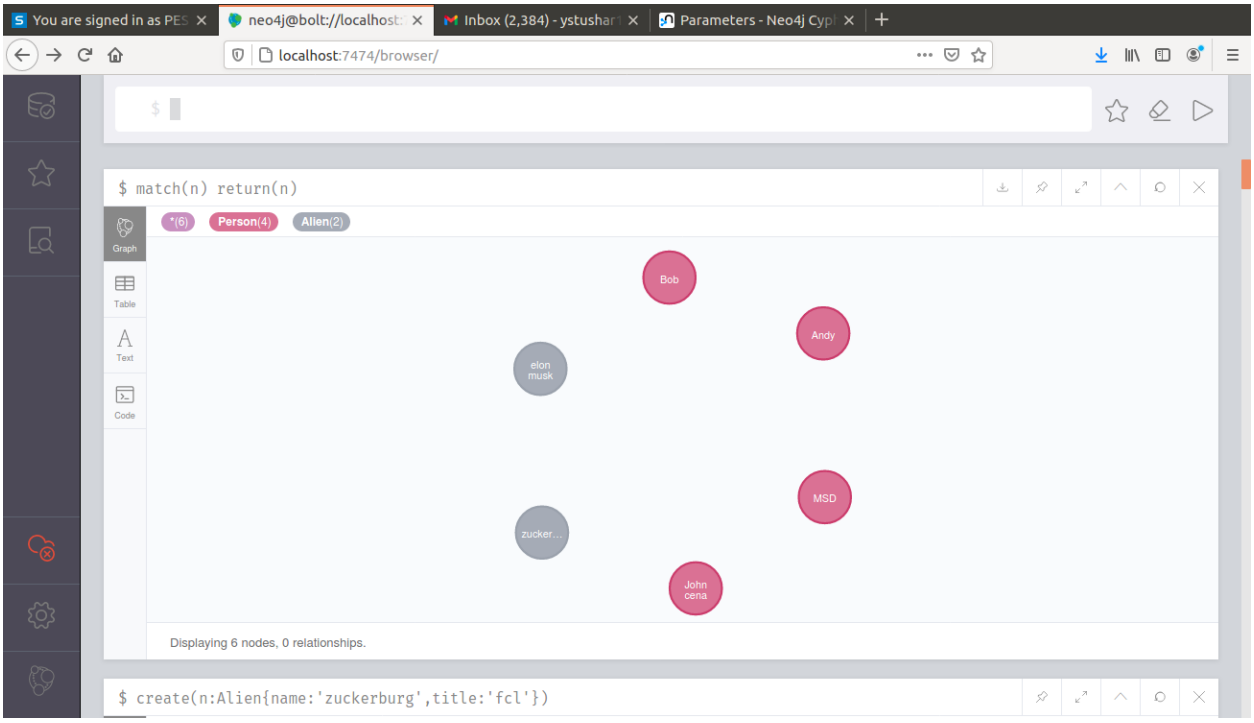
Code

Added 1 label, created 1 node, set 2 properties, completed after 191 ms.

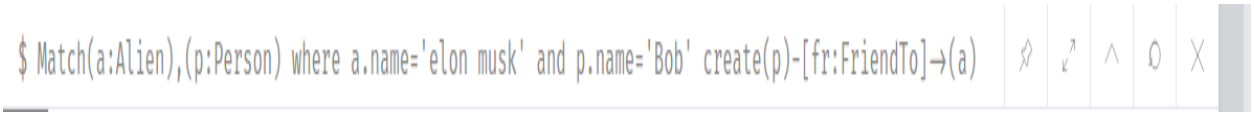


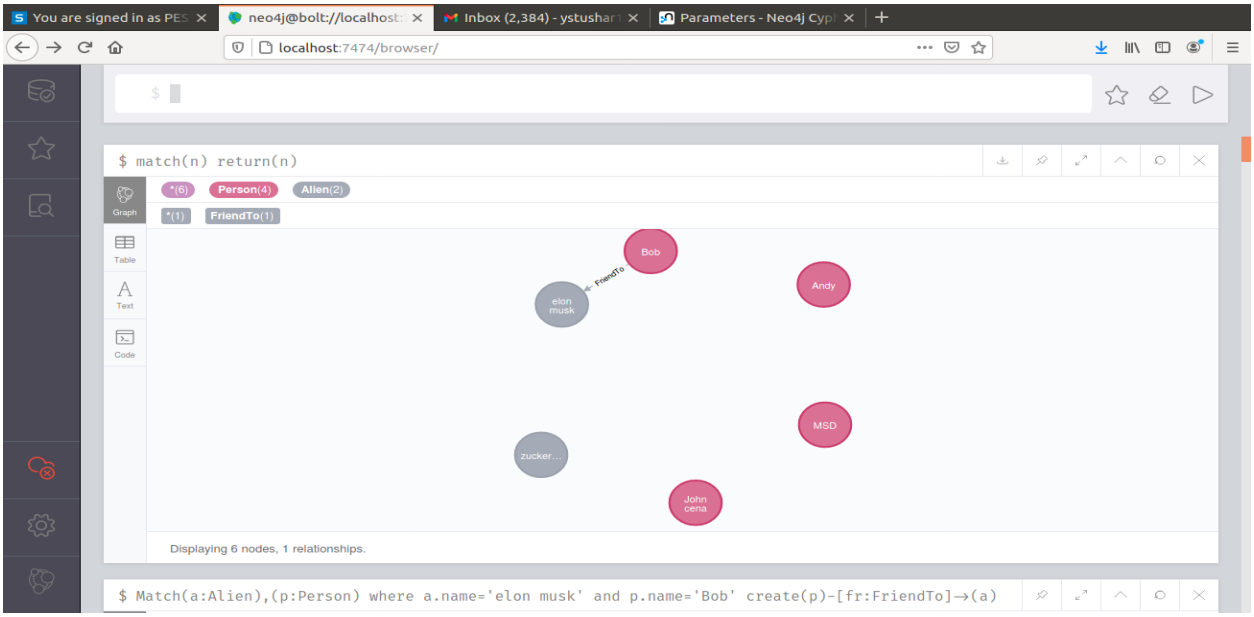
2. Create Relationships between the nodes:

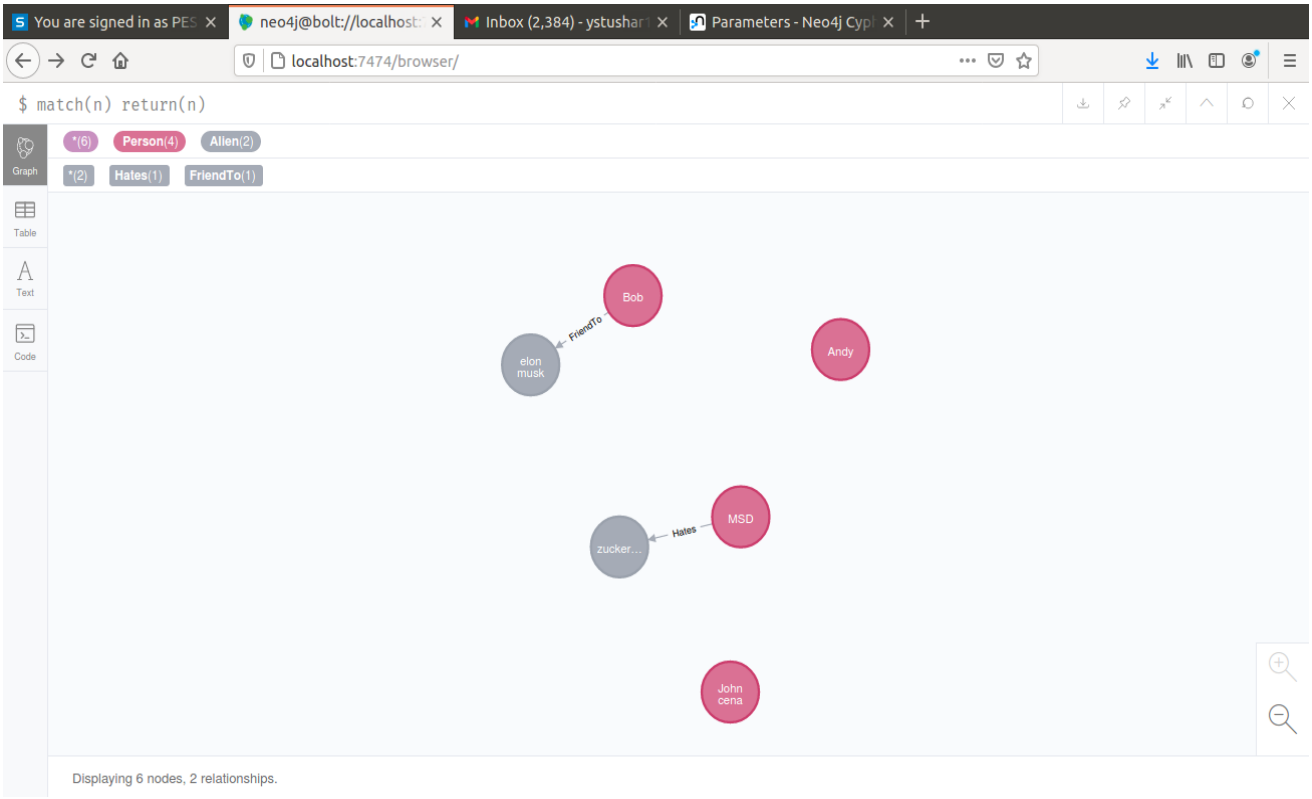
- Before:



- After establishing relationships:

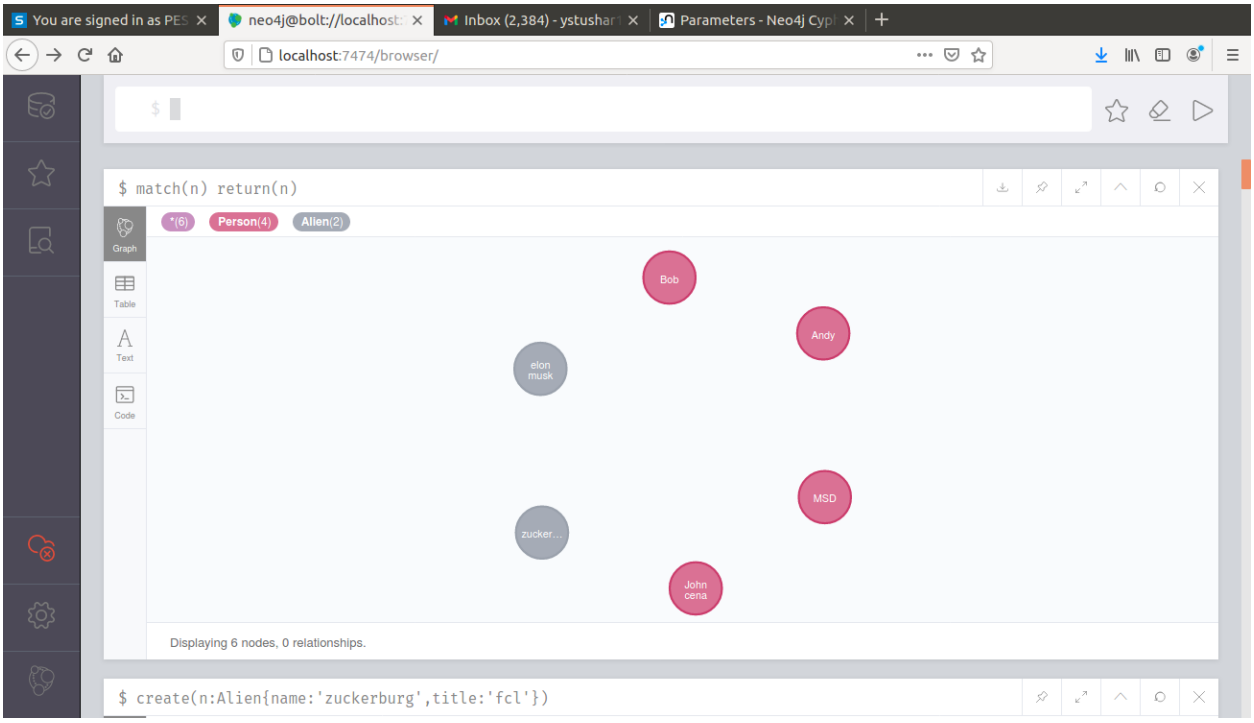




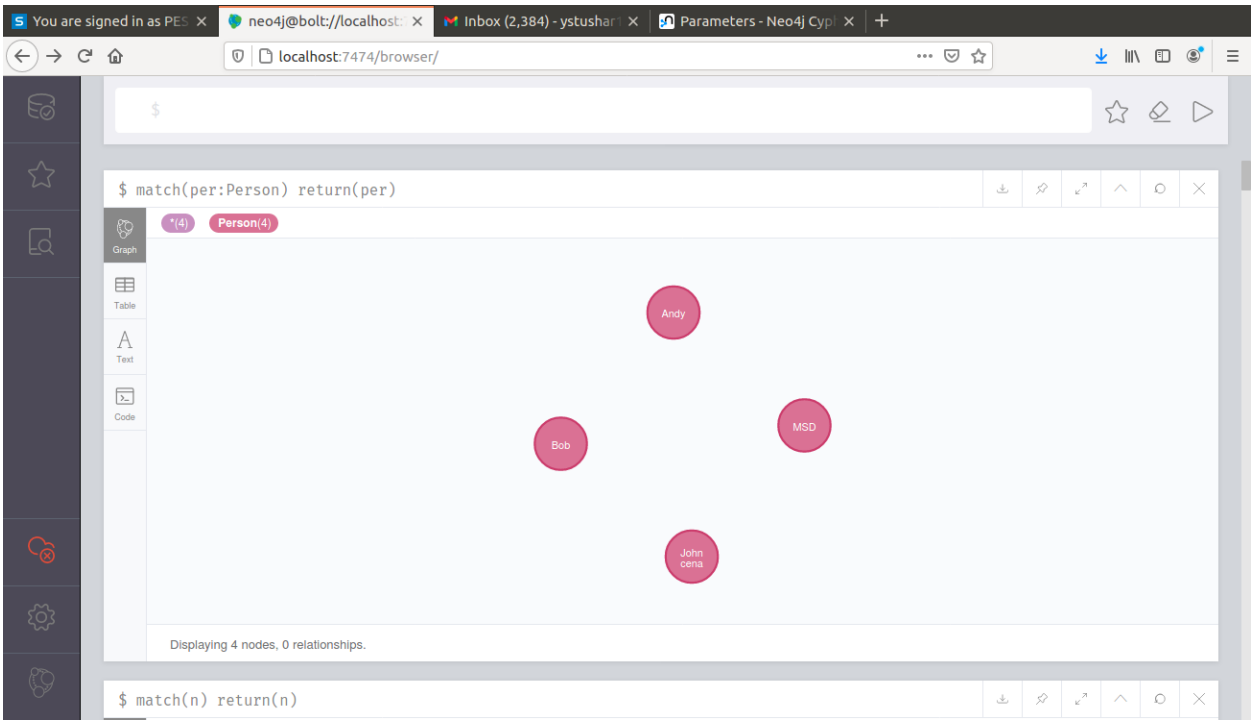


3. Read nodes and attributes:

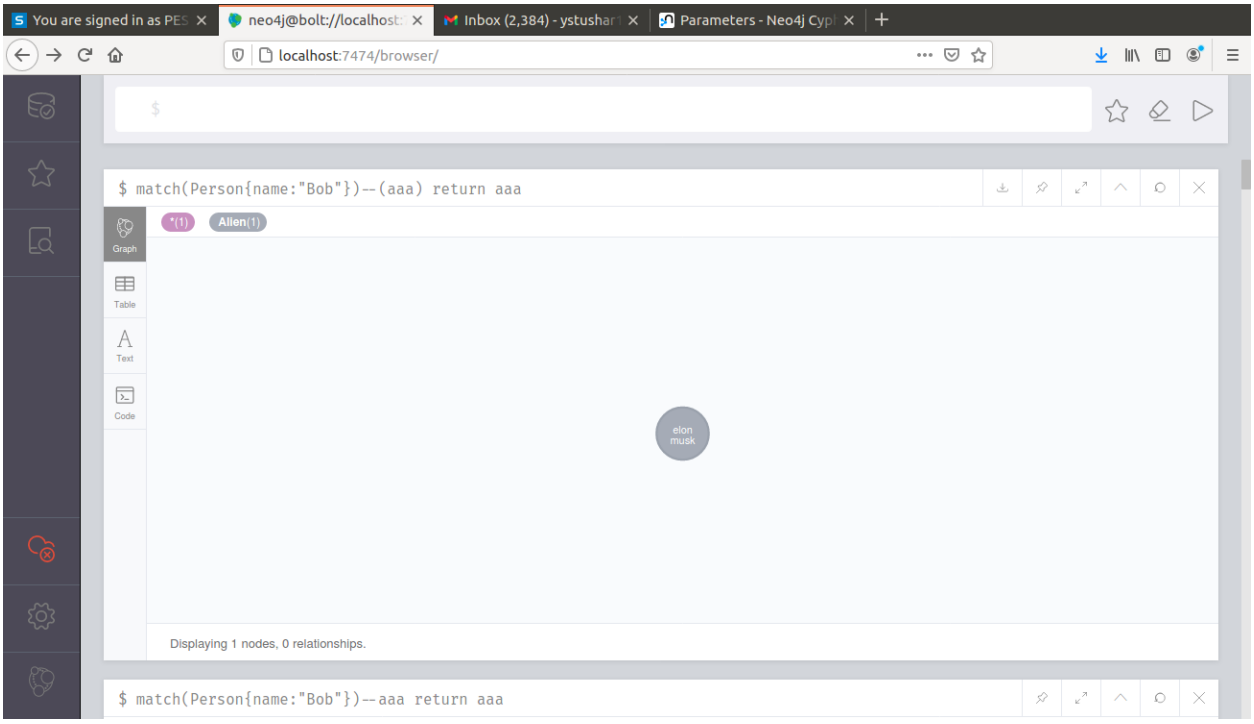
- Get all nodes:



- Get all nodes with a label:



- Related nodes:



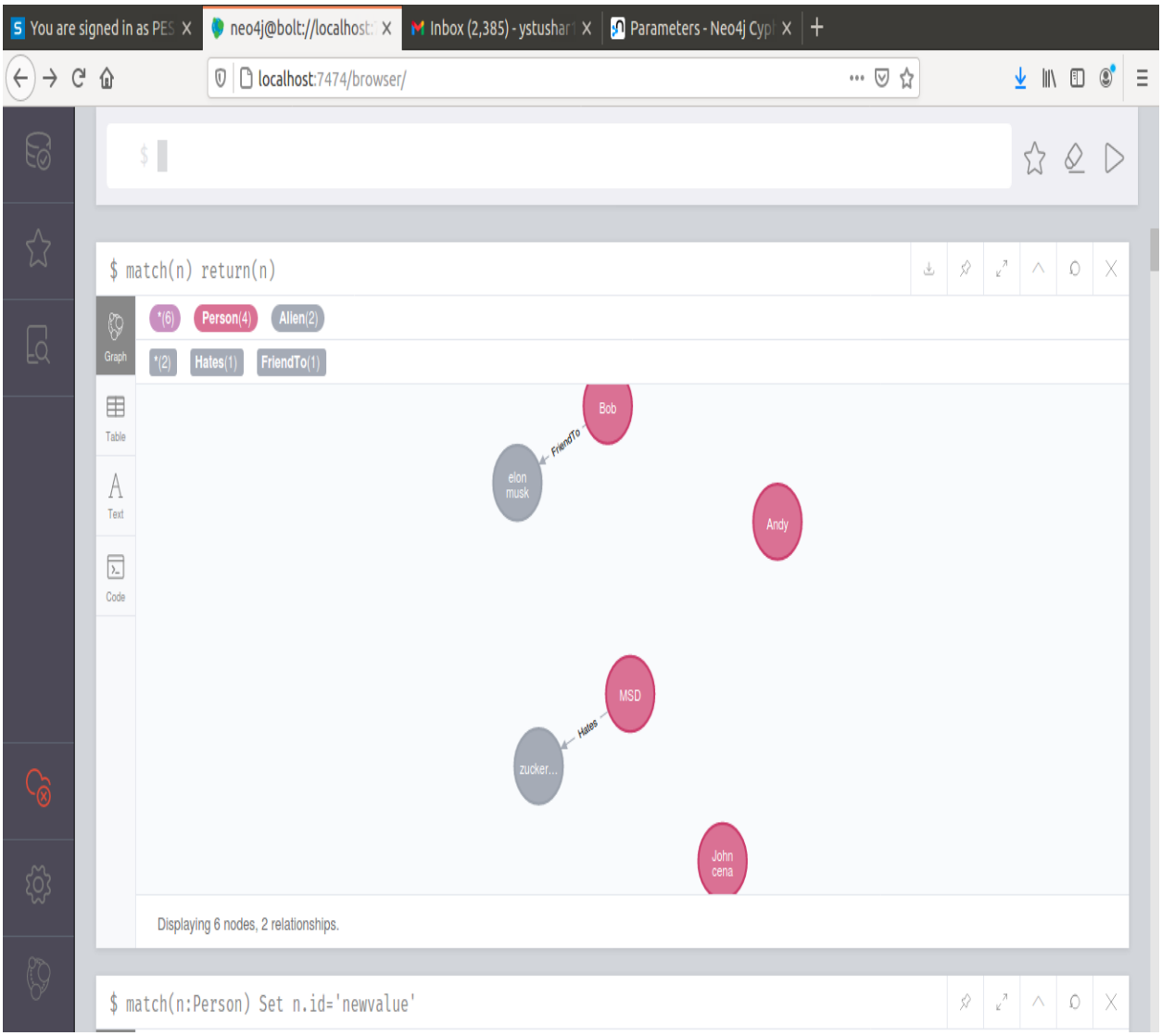
4. Update or set a value:

```
$ match(n:Person) Set n.id='newvalue'
```

Table

Code

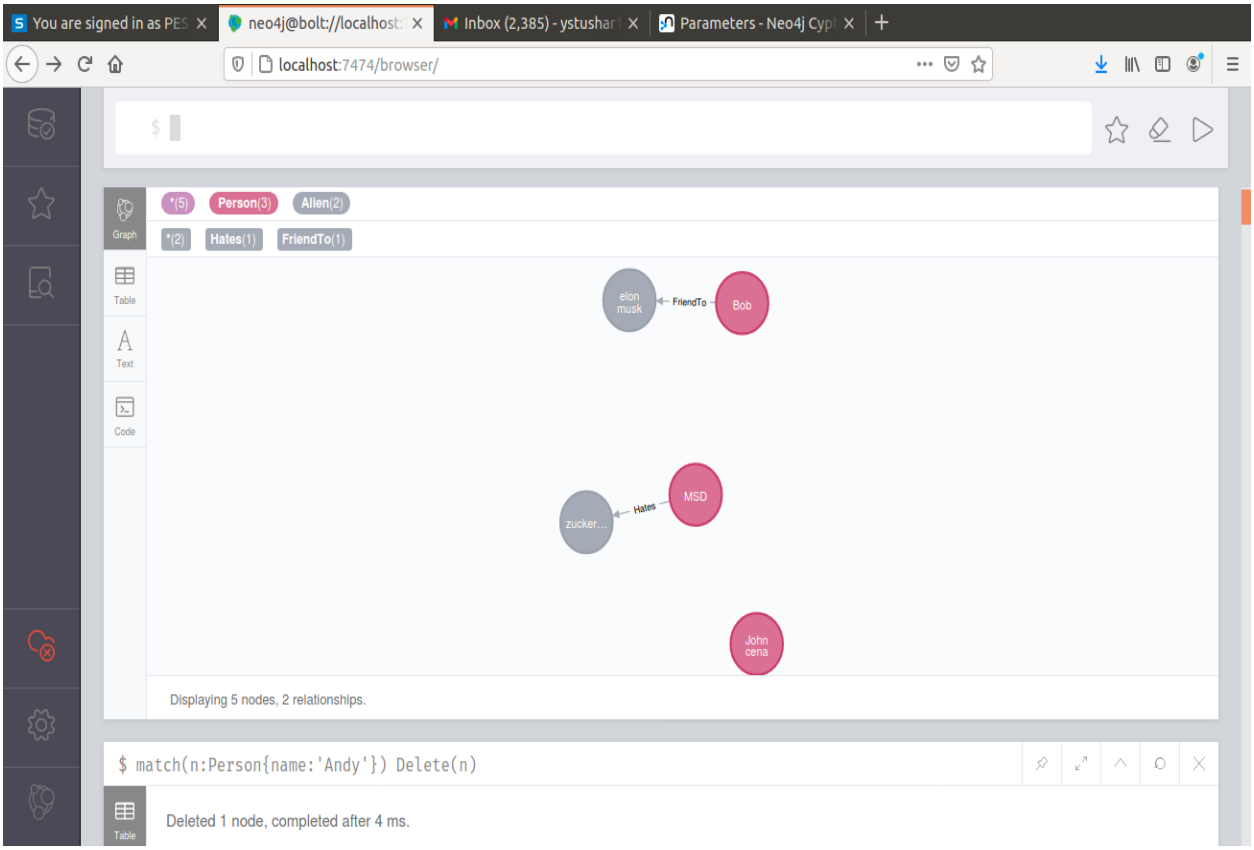
Set 4 properties, completed after 73 ms.



5. Delete operation:

- Delete single node:

After deleting one node:



- Delete all nodes:

After deleting all nodes: