

Practical 7

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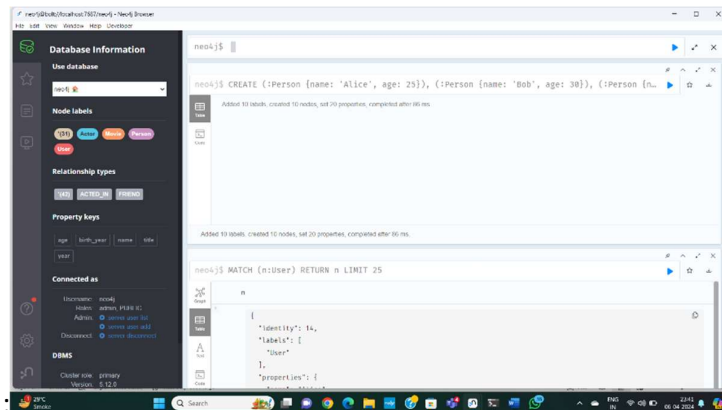
Roll No : 40

Practical : CRUD Operations using Neo4j

DATA:

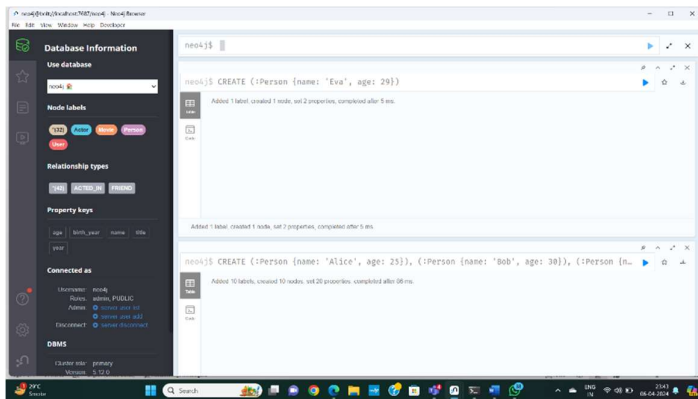
```
CREATE (:Person {name: 'Alice', age: 25}),  
      (:Person {name: 'Bob', age: 30}),  
      (:Person {name: 'Charlie', age: 35}),  
      (:Person {name: 'David', age: 40}),  
      (:Person {name: 'Emily', age: 22}),  
      (:Person {name: 'Frank', age: 27}),  
      (:Person {name: 'Grace', age: 33}),  
      (:Person {name: 'Hannah', age: 28}),  
      (:Person {name: 'Ivan', age: 45}),  
      (:Person {name: 'Jack', age: 26})
```

CRUD:STEP 1



STEP2

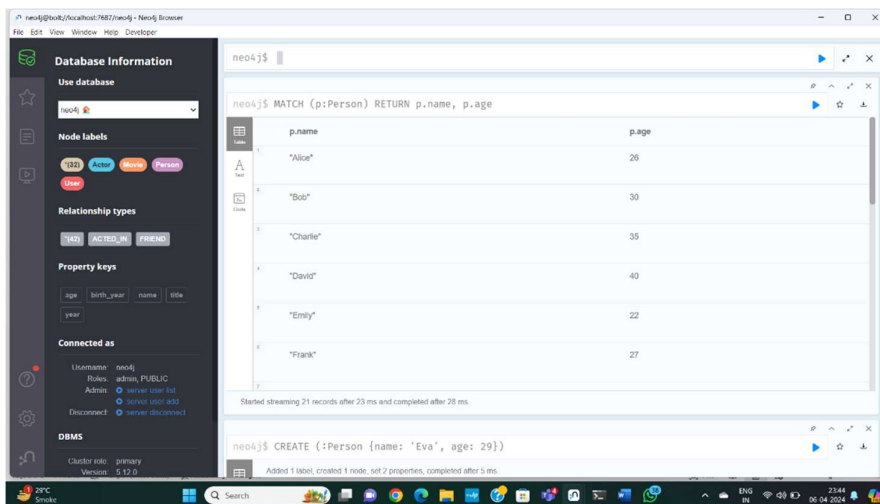
```
CREATE (:Person {name: 'Eva', age: 29})
```



STEP 3

MATCH (p:Person)

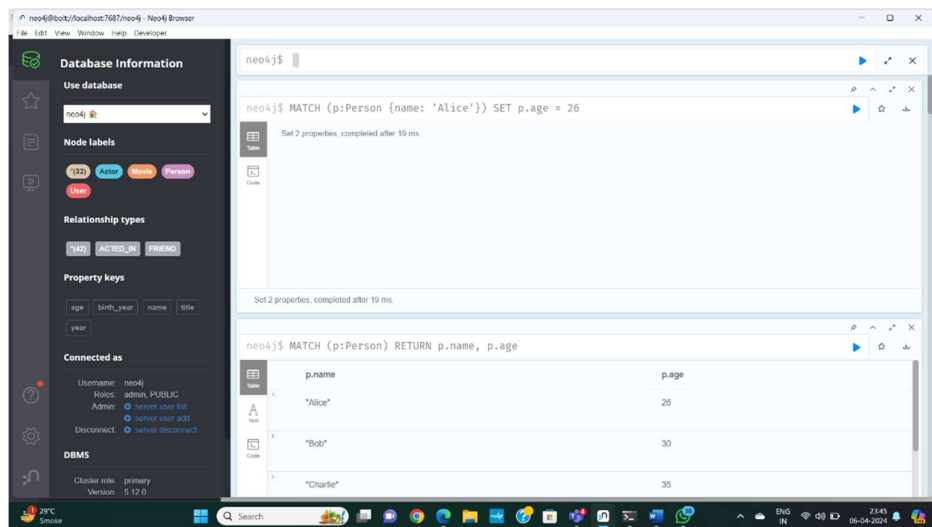
RETURN p.name, p.age



STEP 4

MATCH (p:Person {name: 'Alice'})

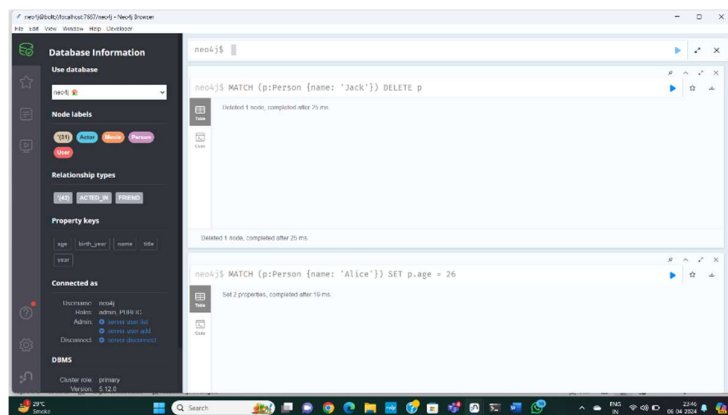
SET p.age = 26



STEP 5

MATCH (p:Person {name: 'Jack'})

DELETE p



STEP 6

MATCH (p:Person)

RETURN p

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

File Edit View Window Help Developer

Database Information

Use database

neo4j

Node labels

Actor

Movie

Person

User

Relationship types

ACTED_IN

FRIEND

Property keys

age

birth_year

name

title

year

Connected as

Username: neo4j

Roles: admin, PUBLIC

Admin:

server user test

server user add

Disconnect:

server disconnect

DBMS

Cluster role: primary

Version: 5.12.0

neo4j\$

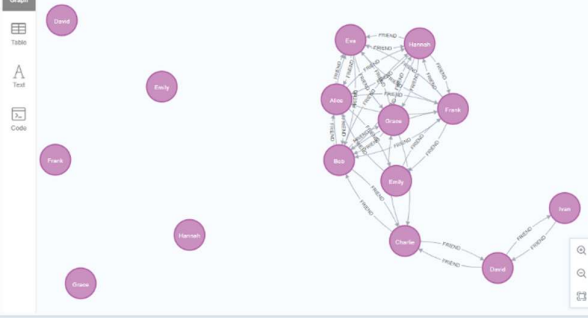
neo4j\$ MATCH (n:Person) RETURN n LIMIT 25

Graph

Tables

Test

Code



Overview

Node labels

Person (20)

Relationship types

FRIEND (38)

Displaying 20 nodes, 0 relationships.

neo4j\$ MATCH (n:User) RETURN n LIMIT 25

Graph

Overview

Node labels

23°C Smoke

Search

23:49

06-04-2024