PES UNIVERSITY, RR CAMPUS
CSE – FIFTH SEM
DBMS LAB – WEEK 2
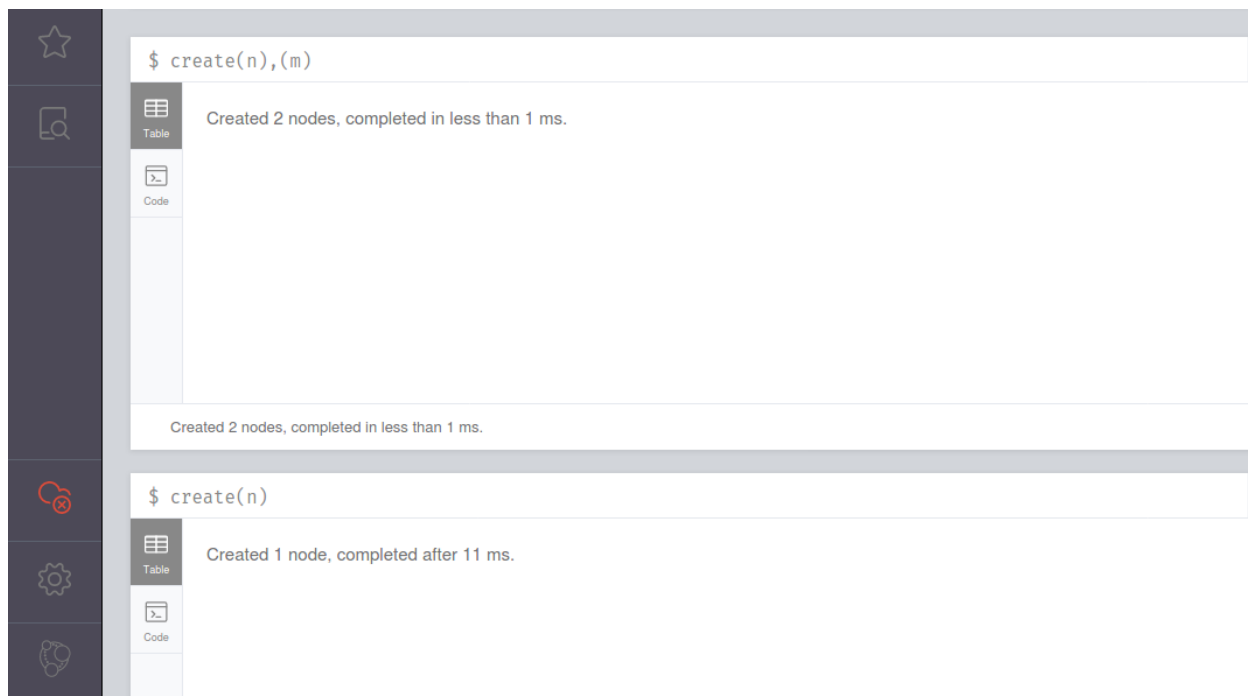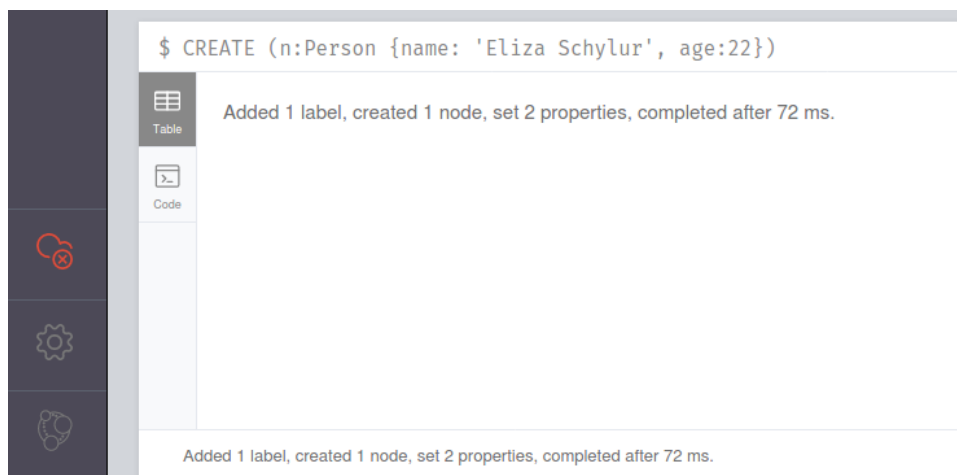
ANANYA UPPAL
SECTION: A
SRN: PES1UG19CS058
DATE – 2ND SEPTEMBER 2021

1. Create Nodes

```
$ CREATE (n:Person {name: 'Eliza Schylur', age:22})
```

Added 1 label, created 1 node, set 2 properties, completed after 72 ms.

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```
$ create(n),(m)
```

Created 2 nodes, completed in less than 1 ms.

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```
$ create(n)
```

Created 1 node, completed after 11 ms.

```
$ CREATE (n:Person:Indian)
```

Added 2 labels, created 1 node, completed after 2 ms.

Added 2 labels, created 1 node, completed after 2 ms.

```
$ CREATE (n:Person)
```

Added 1 label, created 1 node, completed after 11 ms.

```
1  :params props: {
2  "name" : "Andy",
3  "position" : "Developer"
4  }
```

```
$ CREATE (n:Person {name: 'Eliza Schylur', age:22})
```

Added 1 label, created 1 node, set 2 properties, completed after 72 ms.

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2. Relationships between the nodes


```
Match(u:Person),(p:Person)
Where p.name="Angelica Schylur" and u.name="Eliza Schylur"
Create(u)-[stu:sisterOF] → (p)
```

$ Match(u:Person),(p:Person) Where p.name="Angelica Schylur" and u.name="Eliza Schylur" Create(u)-[…

Created 1 relationship, completed after 12 ms.


```
Match(u:Person),(p:Person)
Where p.name="Peggy Schylur" and u.name="Eliza Schylur"
Create(u)-[stu:sisterOF] → (p)
```
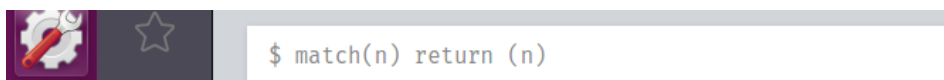
$ Match(u:Person),(p:Person) Where p.name="Peggy Schylur" and u.name="Eliza Schylur" Create(u)-[stu…

Created 1 relationship, completed after 280 ms.

3. Read Nodes and Attributes

$ match(n) return (n)

```
$ MATCH (p:Person) RETURN p.age
```

p.age
24
null
null
null
22
18

Started streaming 6 records after 1 ms and completed after 2 ms.

4. Update Node Values

```
$ MATCH (p:Person) Set p.age = 20
```

Set 6 properties, completed after 47 ms.

```
$ MATCH (p:Person) RETURN p.age
```

p.age
20
20
20
20
20
20

Started streaming 6 records after 1 ms and completed after 1 ms.

5. Delete Nodes

```
$ MATCH (n:Person {name: 'Peggy Schylur'}) DETACH DELETE n
```

Deleted 1 node, deleted 2 relationships, completed after 29 ms.

Table

Code

```
$ MATCH (n) DETACH DELETE n
```

Deleted 14 nodes, deleted 9 relationships, completed after 7 ms.

Table

Code