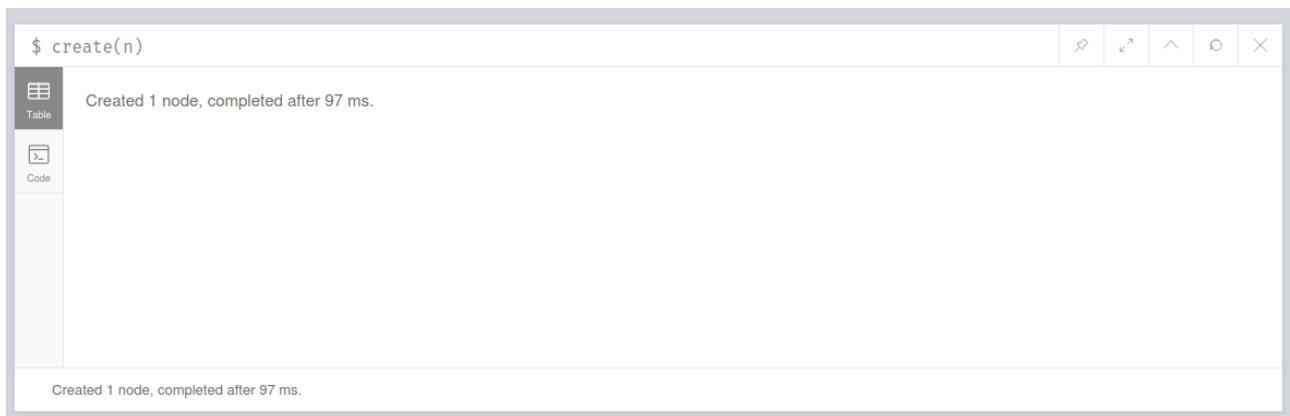
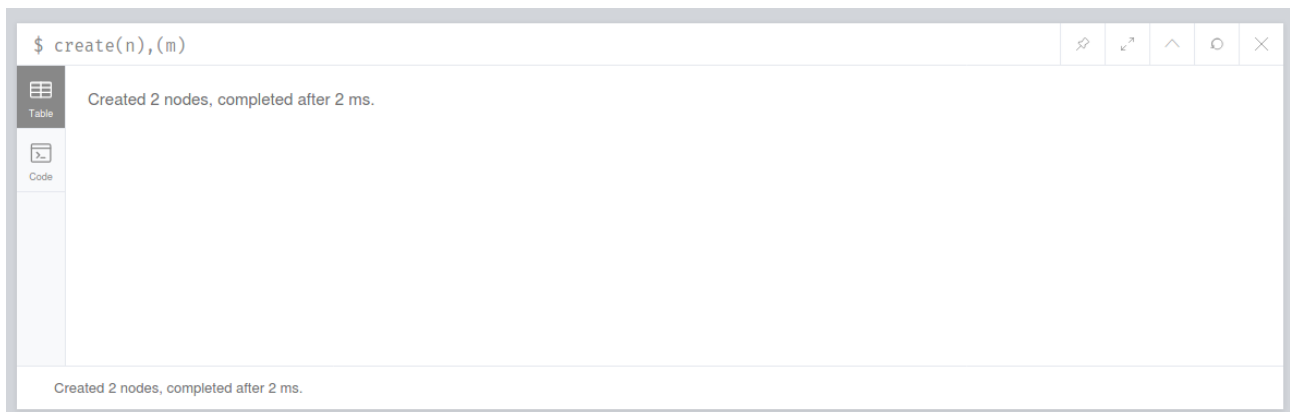


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Roll No. 13

1. Create a single node :



2. Create multiple nodes:



3. Create a node with a label



4. Create a node with multiple labels

```
$ create(n:person:indian)
```

Table
Code

Added 2 labels, created 1 node, completed after 41 ms.

Added 2 labels, created 1 node, completed after 41 ms.

5. 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 203 ms.

Added 1 label, created 1 node, set 2 properties, completed after 203 ms.

6. create nodes with parameters as properties

```
$ :params {"props":{"name":"Andy","position":"Developer"}}
```

```
{
  "props": {
    "name": "Andy",
    "position": "Developer"
  }
}
```

See [:help param](#) for usage of the :param command.

Successfully set your parameters.

```
$ create(n:person $props)
```

Table
Code

Added 1 label, created 1 node, set 2 properties, completed after 54 ms.

Added 1 label, created 1 node, set 2 properties, completed after 54 ms.

7. Create Relationships between the nodes

```
$ match(u:university),(n:person) where n.name='Andy' and u.name='pes' create(p)-[stu:studiesAt]→(u)
```

Created 2 nodes, created 2 relationships, completed after 43 ms.

Created 2 nodes, created 2 relationships, completed after 43 ms.

```
$ match(n) return n
```

Graph

* (2) university(1) person(1)

* (1) studiesAt(1)

Displaying 2 nodes, 1 relationships.

8. Get all nodes

```
$ match(n) return(n)
```

Graph

* (2) university(1) person(1)

Displaying 2 nodes, 0 relationships.

9. Get all nodes with a label

\$ match(n:person) return n.name

Table

n.name

Text

"Andy"

Code

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

10. Related nodes

\$ match(person {name:"Naren"})--(university) return university.name

Table

university.name

Text

"pes"

Code

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

11. Update or set a value

\$ match(n:person) set n.name="Naren"

Table

Set 1 property, completed after 23 ms.

Code

Set 1 property, completed after 23 ms.

12. Delete all node

\$ match (n) detach delete (n)

Table

Deleted 2 nodes, deleted 1 relationship, completed after 4 ms.

Code

Deleted 2 nodes, deleted 1 relationship, completed after 4 ms.

13. Delete single node

\$ match(u:university {name:'pes'}) delete(u)

Table

Code

Deleted 1 node, completed after 3 ms.

Deleted 1 node, completed after 3 ms.