

# Name-Yuvraj Yashwant Kangude

## ROLL No- 21288

Neo4j

The screenshot shows the Neo4j Browser interface. On the left, the 'Database Information' sidebar is visible, showing 'Use database' set to 'neo4j', 'Node Labels' including 'Publisher', 'Reader', 'Reviewers', 'Translator', 'author', 'book', and 'user', and 'Property Keys' including 'Avg', 'CLASS', 'Condition', 'Cost', 'Died', 'Matches', 'NRR', 'POB', 'Runs', 'Status', 'Tags', 'Titale', 'Type', 'Wickets', 'YOB', 'author', 'born', 'date', 'isCreated', 'marked', 'name', 'pts', 'published', 'rating', 'reader', 'released', 'result', 'roles', 'rollno', 'summary', 'tagline', and 'title'. The main area displays a Cypher query: `neo4j$ create (b:book{Titale:"John Le",Tags:"Story",Status:"In library",Condition:"new",Cost:'120...`. The result shows a single node labeled 'book (1)' with properties: Titale: John Le, Tags: Story, Status: In library, Condition: new, Cost: 120. The 'Overview' panel on the right indicates 'Node labels: (1) book (1)' and 'Displaying 1 nodes, 0 relationships.' The bottom status bar shows '28.9 KBps' and '3.2 KBps'.

The screenshot shows the Neo4j Browser interface. On the left, the 'Database Information' sidebar is visible, showing 'Use database' set to 'neo4j', 'Node Labels' including 'Publisher', 'Reader', 'Reviewers', 'Translator', 'author', 'book', and 'user', and 'Property Keys' including 'Avg', 'CLASS', 'Condition', 'Cost', 'Died', 'Matches', 'NRR', 'POB', 'Runs', 'Status', 'Tags', 'Titale', 'Type', 'Wickets', 'YOB', 'author', 'born', 'date', 'isCreated', 'marked', 'name', 'pts', 'published', 'rating', 'reader', 'released', 'result', 'roles', 'rollno', 'summary', 'tagline', and 'title'. The main area displays a Cypher query: `neo4j$ create (b:Reader{name:"Alan"}) return b`. The result shows a single node labeled 'Reader (1)' with properties: name: Alan. The 'Overview' panel on the right indicates 'Node labels: (1) Reader (1)' and 'Displaying 1 nodes, 0 relationships.' The bottom status bar shows '12.9 KBps' and '2.7 KBps'.

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

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**Database Information**

Use database

neo4j

**Node Labels**

Publisher Reader  
Reviewers Translator author  
book user

**Relationship Types**

No relationships in database

**Property Keys**

Avg CLASS Condition Cost  
Died Matches NRR POB  
Runs Status Tags Title  
Type Wickets YOB author  
born date isCreated  
marked name pts  
published rating reader  
released result roles rollno  
summary tagline title

neo4j\$

neo4j\$ create (b:Reviewers{name:"jd"}) return b

Overview

**Node labels**

(1) Reviewers (1)

Displaying 1 nodes, 0 relationships.

neo4j\$ create (b:Publisher{name:"Jems"}) return b

11.7 KBps  
5.1 KBps

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**Database Information**

Use database

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**Node Labels**

Publisher Reader  
Reviewers Translator author  
book user

**Relationship Types**

No relationships in database

**Property Keys**

Avg CLASS Condition Cost  
Died Matches NRR POB  
Runs Status Tags Title  
Type Wickets YOB author  
born date isCreated  
marked name pts  
published rating reader  
released result roles rollno  
summary tagline title

neo4j\$

neo4j\$ create (b:Publisher{name:"Jems"}) return b

Overview

**Node labels**

(1) Publisher (1)

Displaying 1 nodes, 0 relationships.

13.3 KBps  
2.1 KBps

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**Database Information**

Use database

neo4j

**Node Labels**

Publisher Reader  
Reviewers Translator author  
book user

**Relationship Types**

No relationships in database

**Property Keys**

Avg CLASS Condition Cost  
Died Matches NRR POB  
Runs Status Tags Title  
Type Wickets YOB author  
born date isCreated  
marked name pts  
published rating reader  
released result roles rollno  
summary tagline title

neo4j\$

neo4j\$ create (b:Translator{name:"gems"}) return b

Overview

**Node labels**

Translator (1)

Displaying 1 nodes, 0 relationships.

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**Database Information**

Use database

neo4j

**Node Labels**

Publisher Reader  
Reviewers Translator author  
book user

**Relationship Types**

No relationships in database

**Property Keys**

Avg CLASS Condition Cost  
Died Matches NRR POB  
Runs Status Tags Title  
Type Wickets YOB author  
born date isCreated  
marked name pts  
published rating reader  
released result roles rollno  
summary tagline title

neo4j\$

neo4j\$ create (b:user{name:"Hary"}) return b

Overview

**Node labels**

user (1)

Displaying 1 nodes, 0 relationships.

neo4j\$ create (b:Translator{name:"gems"}) return b

Overview

**Node labels**

Translator (1)

Displaying 1 nodes, 0 relationships.

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**Database Information**

Use database  
neo4j

**Node Labels**

Publisher Reader  
Reviewers Translator author  
book user

**Relationship Types**

No relationships in database

**Property Keys**

Avg CLASS Condition Cost  
Died Matches NRR POB  
Runs Status Tags Title  
Type Wickets YOB author  
born date isCreated  
marked name pts  
published rating reader  
released result roles rollno  
summary tagline title

neo4j\$

neo4j\$ create (b:Reader{name:"jho"}) return b

Graph  
Table  
Text  
Code

Overview  
Node labels  
Reader (1)  
Displaying 1 nodes, 0 relationships.

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**Database Information**

Use database  
neo4j

**Node Labels**

Publisher Reader  
Reviewers Translator author  
book user

**Relationship Types**

No relationships in database

**Property Keys**

Avg CLASS Condition Cost  
Died Matches NRR POB  
Runs Status Tags Title  
Type Wickets YOB author  
born date isCreated  
marked name pts  
published rating reader  
released result roles rollno  
summary tagline title

neo4j\$

Completed after 1 ms.

neo4j\$ create (b:author{name:"ass"}) return b

Graph  
Table  
Text  
Code

Overview  
Node labels  
author (1)  
Displaying 1 nodes, 0 relationships.

neo4j\$ create (b:Reader{name:"jho"}) return b

Overview

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Database Information

Use database

neo4j

Node Labels

Publisher

Reader

Reviewers

Translator

author

book

user

Relationship Types

No relationships in database

Property Keys

Avg

CLASS

Condition

Cost

Died

Matches

NRR

POB

Runs

Status

Tags

Titale

Type

Wickets

YOB

author

born

date

isCreated

marked

name

pts

published

rating

reader

released

result

roles

rollno

summary

tagline

title

neo4j\$

Completed after 3 ms.

neo4j\$ match(a:book),(b:Publisher) where a.name="John Le" And b.name="Greence" create (a)-[r:Publishe...]

(no changes, no records)

Completed after 1 ms.

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**Database Information**

Use database

neo4j

**Node Labels**

Publisher Reader  
Reviewers Translator author  
book user

**Relationship Types**

No relationships in database

**Property Keys**

Avg CLASS Condition Cost  
Died Matches NRR POB  
Runs Status Tags Title  
Type Wickets YOB author  
born date isCreated  
marked name pts  
published rating reader  
released result roles rollno  
summary tagline title

neo4j\$

Completed after 2 ms

neo4j\$ match(a:book),(b:Reviewers) where a.name="John Le" And b.name="leo" create (a)-[r:Reviewed\_By]\_

(no changes, no records)

Completed after 3 ms

neo4j\$ match(a:book),(b:Publisher) where a.name="John Le" And b.name="Greence" create (a)-[r:Publishe\_

(no changes, no records)

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**Database Information**

Use database

neo4j

**Node Labels**

Publisher Reader  
Reviewers Translator author  
book user

**Relationship Types**

No relationships in database

**Property Keys**

Avg CLASS Condition Cost  
Died Matches NRR POB  
Runs Status Tags Title  
Type Wickets YOB author  
born date isCreated  
marked name pts  
published rating reader  
released result roles rollno  
summary tagline title

neo4j\$

Completed after 2 ms

neo4j\$ match(a:book),(b:Translator) where a.name="John Le" And b.name="le" create (a)-[r:Translated\_B\_

(no changes, no records)

Completed after 2 ms

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Use database  
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born date isCreated  
marked name pts  
published rating reader  
released result roles rollno  
summary tagline title

neo4j\$

Completed after 1 ms.

neo4j\$ match(a:book),(b:User) where a.name="John Le" And b.name="Om" create (a)-[r:Returned\_By]-(b) ..

(no changes, no records)

Completed after 2 ms.

neo4j\$ match(a:book),(b:Translator) where a.name="John Le" And b.name="le" create (a)-[r:Translated\_B...

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**Database Information**

Use database  
neo4j

**Node Labels**

Publisher Reader  
Reviewers Translator author  
book user

**Relationship Types**

No relationships in database

**Property Keys**

Avg CLASS Condition Cost  
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born date isCreated  
marked name pts  
published rating reader  
released result roles rollno  
summary tagline title

neo4j\$

Completed after 2 ms.

neo4j\$ match(a:book),(b:Reader) where a.name="John Le" And b.name="Alan" create (a)-[r:Read\_By]-(b) ..

(no changes, no records)

Completed after 1 ms.

neo4j\$ match(a:book),(b:User) where a.name="John Le" And b.name="Om" create (a)-[r:Returned\_By]-(b) ..

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File Edit View Window Help Developer

Database Information

Use database

neo4j

Node Labels

Publisher

Reader

Reviewers

Translator

author

book

user

Relationship Types

No relationships in database

Property Keys

Avg

CLASS

Condition

Cost

Died

Matches

NRR

POB

Runs

Status

Tags

Titale

Type

Wickets

YOB

author

born

date

isCreated

marked

name

pts

published

rating

reader

released

result

roles

rollno

summary

tagline

title

neo4j\$

neo4j\$ match(a:book),(b:author) where a.name="John Le" And b.name="lan"create (a)-[r:Authorised\_By]->...

(no changes, no records)

Completed after 2 ms.

neo4j\$ match(a:book),(b:Reader) where a.name="John Le" And b.name="Alan"create (a)-[r:Read\_By]-> (b) ...

(no changes, no records)

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