

14/10/25

CROD operations In document data bases:

Aim:- To perform mongoose using NPM design on mongo DB designing document database & performing var operations like Creating inserting querying finding & removing

Step 1- Install mongo db using following link
<https://www.mongodb.com/tarball/community>.

Step 2 :- To add the mongo DB shell binary's location to your path Environment variable. open the Control panel

In the System & Security Category, click system.

open mongo shell at: C:\Program Files\mongoDB\server\bin\mongod.exe.

Step 3 :- Type the C:\bin\mongod.exe

Step 4 :- Type the CROW (Create Read update Delete)
Commands given in ~~txt file~~

CROD operations:

db.createCollection("myLab")
{ "ox": 1 }

> bd.myLab.insertOne({ item: "Canvas", aft: 100, tags: ("cotton"), size: { h: 25, w: 35, Dwon: 1 } })

}

"acknowledged": true,

"inserted Id": object ID ["627d3acc"]
}

> db.myLab.find({item: "Canvas"})

{ "_id": Object ID ("627d13acc7399"), "item":

"Canvas", "qty": 25, "tags": ["bbn", "leb"]
}

"acknowledged": true,

"inserts Ids": [

Object ID ["627.15987c3990"]

Object ID ["627d1598c73990"],

3

] > db.myLab.find({_id: {item: "Canvas"}, "qty": 1})

{ "_id": Object ID ("627d13acc73990746397c"), "item":

"Canvas", "qty": 100}

} "v-id": Object ID ("627d13acc7399667466397d");

item

"Canvas", "qty": 23}

→ Deleting a particular node To delete a particular node you declined from.

Syntax: match {node; label & properties ... }
Delete node.

Create a graph database for mobile phone conversions

Computer (n:middle | sid; phone-id 26478);

Name: "realme"

Reward: 10pp 113

Output:

Added: label , Created (node; set s: properties) completed after 232ms

Created (n:mobile & patient, doctor:)

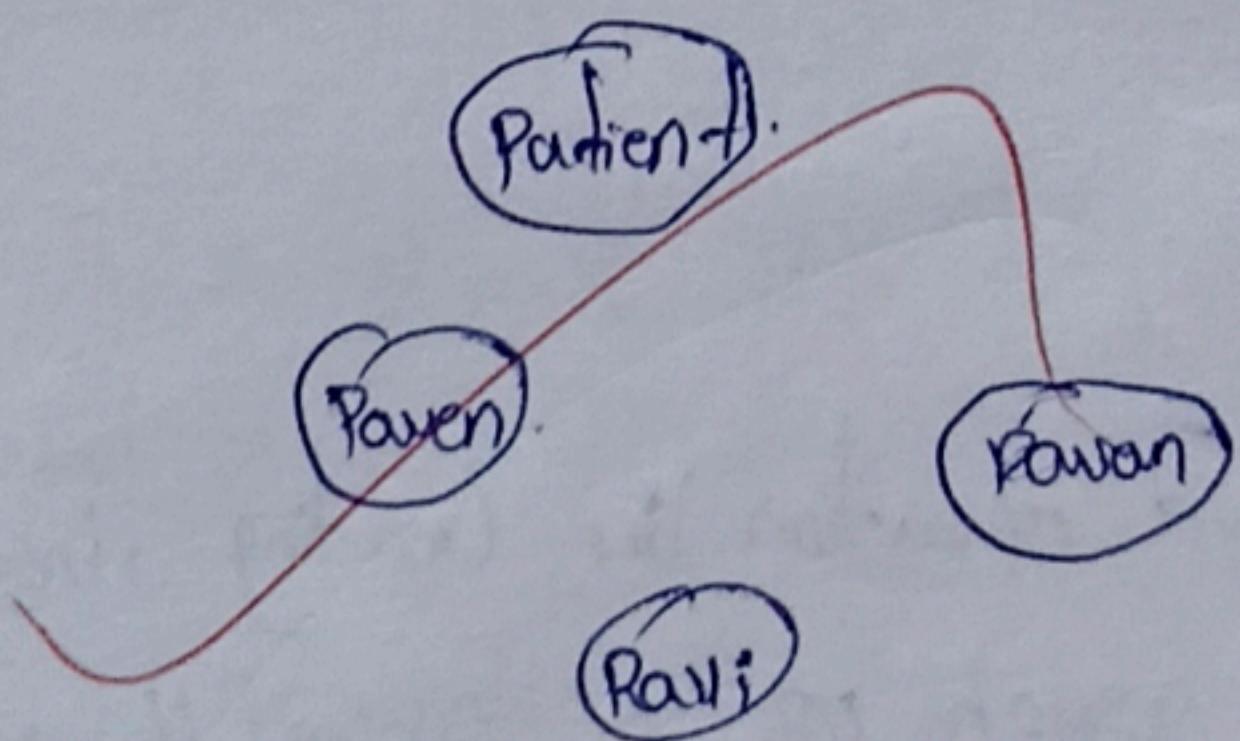
Patient name: "Pavan".

Output:

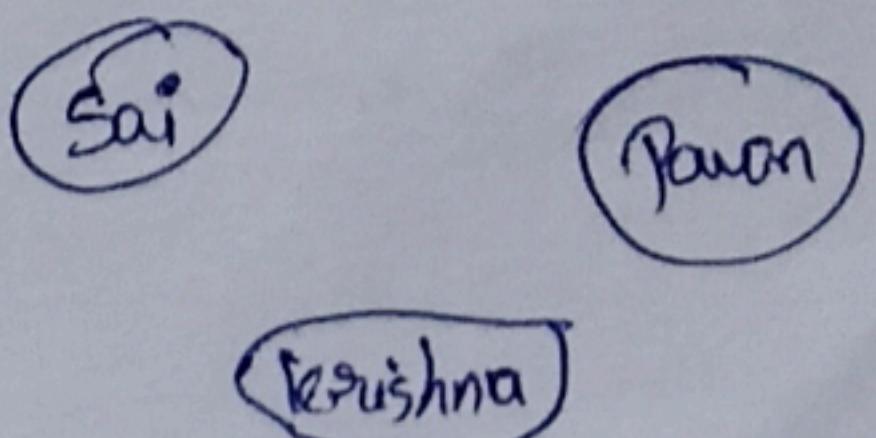
Added "label Created | node, set s: properties, completed after 16ms

Create (w: Patient { Pavan: "ID 2465" })

Output:



match (n: patient), return (n)



a Create relationship bto mobile & brand gal patient name Pavan
match (patient) [Pavan, where, m.name =

"Sai" AND B.Brand patient.name = "Pavan"

Create (m {m.patient - A}) → {d}

Output:

(Pavan) → patient → (Sai)

Create (m) - (m.patient - m) →

return;

Output:

Pavan → Krishna

match (n) graham (n)

VEL TECH	CSE
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PERFORMANCE (5)	5
RESULT AND ANALYSIS (5)	5
VIVA VOCE (5)	5
RECORD (5)	5
TOTAL (20)	15
SIGN WITH DATE	

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VEL TECH
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PERFORMANCE (5)
RESULT AND ANALYSIS (5)
VIVA VOCE (5)
RECORD (4)
TOTAL (15)
SIGN WITH DATE

Result:

The implementation of And operation like Creating, inserting, finding & removing operations using graph DB is successfully executed.