Taskilli CRUD operations in graph Database

Aim! To penform crup operations like creating inserting quivining, finding ideleting operations on graph spaces. create Node with properties:

youran create anodes with properties using the CREATE Clause, you need to specify these properties separated by commany within tectlower braces i'EJ.

Syntax! - following Is the syntax to create a node with properties

CREATE (Mode 1 lable { key 1 value, key 2 (value, ...})

Returning the oreated Node ! -

To verity the created of the node type and executed the following query in the doller prompt

MATCH(n) RETURNIN.

Create relationship -

we can create a relation ship using the CREAGE clause, we will specify relationship within the sware braces "[]" depending on the direction of the relationship it is placed between hypen " and arrow" " as shown in the toiling syntax.

syntaxing withe sytax to create a relationship using the create clauses

CREATE (node I) - [i Relationship Type] - I node ?)

creating a Relationship beteen the existing noder -

You can latto create a relationship between the existing nodes using the march clause. Syntaxin

following with syntax to create a relationship lying. The MATCH Clause. MATCH (ailabel of Node). (bilabel of Node 2)

peleteing a perticular node:

To delete a particular node, you need to specify the details of the nodes in the place of "n" in the above query

syntax 1 following 15 the syntax -

MATCH (node i label {proporties ...})
DETACH DELETE Node

Select all nodes in your database using match command *match (n) return (n)
output:

vijay

CSE

Dénonsang

John

* match (nistudent) return(n)

outpution

VIJay

Dharshang

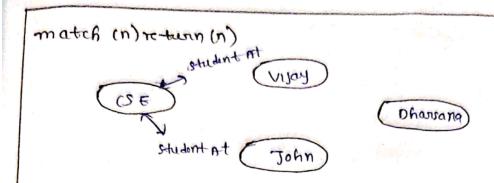
Tohn

ca) create relationship between student and CSE
match (sistudent), (disept) where s. sname="vijay=

AND depathame 2005E"

output _ create(s) - Et istudent - A+] -s(d)
return s,d,

CSE studied At



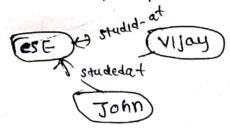
(b) Delete a node from student.

match (n: Student & s name: "Dhowsana"})

DELETE(n);

output! -

Deleted I Node, completed after 10834 ms.



VELTECH	
EX No.	
PERFORMANCE (5)	6
RESULT AND ANALYSIS (5)	
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RECORD (5)	
TOTAL (20)	(>
SIGN WITH DATE	8
	1910

The implementation of CRUD operations like creating, insertion, finding and removing operation using Evaph DBU succeptully executed.