

Task - 11

14/10/22

CRUD operations in Graph Databases

Aim:- To Perform CRUD operation like creating, inserting, querying, finding, deleting equal operation on graph spaces.

* Create node with properties.

Properties are key-value pairs using which a node store data. you can create a node with properties using the create clause you need to specify the flower braces.

Syntax:-

create (node label key 1: value keys value
----- 3)

* Retrieving the created node to verify the creation of the node, type and examine the following query which will return

* Creating Relation ship:

we can create relationship using the create clause we will open a relationship with the same braces

Syntax:- create (node 1: Si, Relation type (node 2)).

Syntax:

```
match (node = label & properties ->
batch delete node
```

create a graph database for mobile
phone converter.

```
count ("sid"; "28250")
```

```
count (n "mobile" id: "phone id 28194")
```

```
name: "realme",
```

```
Brand: "oppo"
```

1)

output

Added label, created node set 3 properties

completed after 22 m

create (n: mobile & realme "28194"

brand name: "oppo"

output

Added label created 1 node set 3

properties completed after 6 m

create (w: mobile {redn: : v1 28194}

3)

output

match: (n : mobile) return n

(vivo)

(oppo)

(redmi)

a) create relationship ip between mobile
and Brand opp

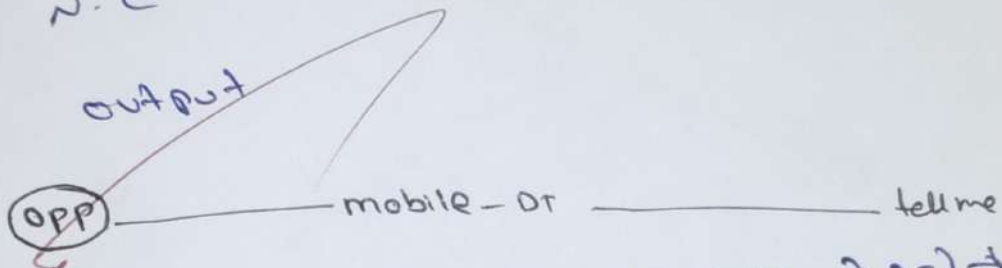
match (mobile) (realme) where n.name:

"realme" AND B.Brand name = "oppo"

create (n - [m : mobile - a] - [d] return

n.d

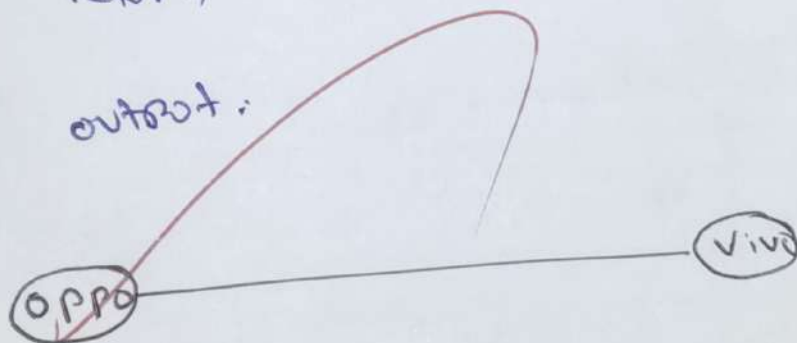
output



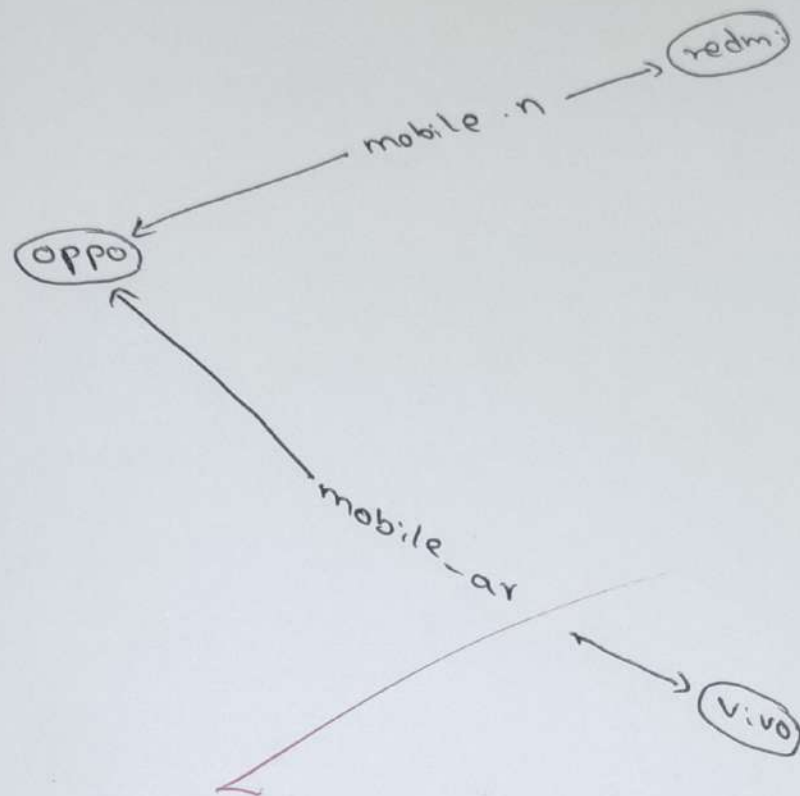
create (n) = [m : (mobile > A) < d]

return

output:



match (b) return (n)



VEL TECH	
EX No.	
PERFORMANCE (5)	5
RESULT AND ANALYSIS (5)	5
VIVA VOCE (5)	5
RECORD (5)	15
TOTAL (20)	30
SIGN WITH DATE	14/10/23

Result:- The implementation of CRUD operation like Creating, inserting, finding, and removing operation using graph AD is successfully executed.