TASK11

CRUD Operation in Graph Databases

Aim: To perform CRUD operations like creating, inserting, Questing, finding, deleting operations 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 {key1: value1, key2: value ----.})

Returning the created node to verify the creation of the node, type and execute the following queries MATCH (n) Return.

*. Creating Relationships

we can create a relationship using the create clause we will specify relationship within to square braces { }

OUTPUT

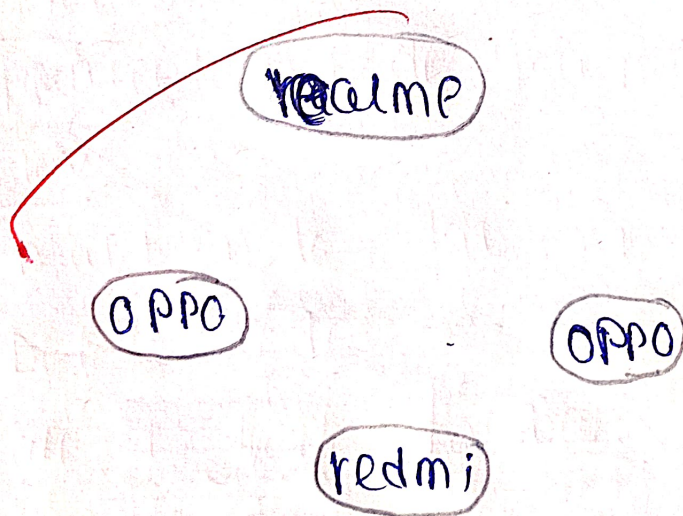Added label, created 1 node, set 3 properties
completed after 232 my

create (n: mobile { realme : "12647814", brand
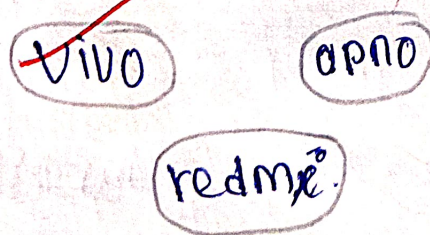name:" oppo"

OUTPUT

Added label, created 1 node, set 3
properties, completed after 26 ms

create (w: mobile { redmi :'v12460524', })

OUTPUT

(realme)

(OPPO)   (OPPO)

(redmi)

match (n:mobile) return (n))

(vivo)   (opno)

(redmi)

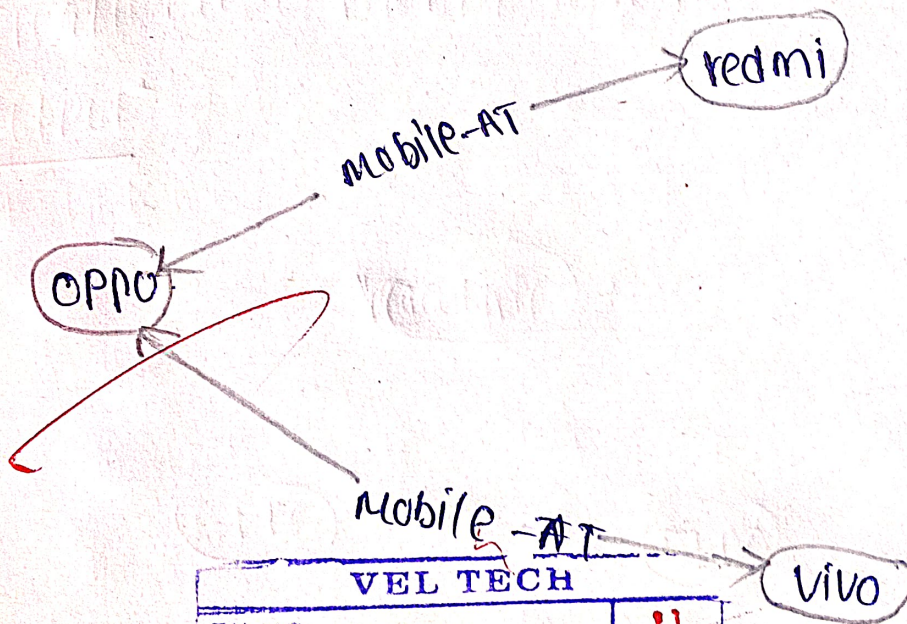a). create relationship between mobile
and Brand opp

match (q: Mobile) (realme) where N. Name =
"realme" AND B. Brand name C= "oppo"
create (m - [M-mobile- AT]->[d] .realed M. $
output
OPP.   mobile- AT   realme.

create .(M) - [M= Mobile : AT) -> (d)]
return :
output?

          OPP   VIVO

match (n) return (n)

Result:
= =

VEL TECH	
EX NO.	11
PERFORMANCE (5)	5
RESULT AND ANALYSIS (5)	5
VIVA VOCE (5)	6
RECORD (5)	
TOTAL (20)	16
SIGN WITH DATE	

Thus implementation of CRUD operation
like (reating, inserting, finding, and
removing operations using Graph DB
is Successfully executed