Task! CRUD operations IN Grouph 14/10/25 datebase Aim! To pentorm crub openations like creating, insorting, quesing, finding, deleting exerctions on graph Creek Abde with Proposities!
Proposities are the key-value pairs using which a node with properties using the CREATE clause you need to specify these proporties separted by Commos with in Flower braces " 2 3" Following is true syntax to crede on node with pagesties. CREATE (node: label they: Value, hegs: value --- 3) · Creating Relationshipst We can create a Relationship using CREATE clause we will specify Relationship within the square braces "[]" depending on the direction of relationship Following is the syntan to create a relationship using CREATE clouse. CREATE (node) -[; Relationship Type] -> (node2) Creating Relationships Blue the Existing Nodes You can also create a relationship between the emiting nodes using the MATCH clause Following B the Symbol to caede a relationship using the MATCH classe MATCH (a: Labe of Node ), (b: Labe of Node 2) WHERE a. name = "name of node, "AND b name = name of node 2"

RETURN aub

· Deleting a posticular node: To delete positiculos node, you need to Specify the details of the node in the place of 'n" in the above query. . Syntan! Following is the syntax to delete a particular node From Meous using DELETE clause. MATCH (node: label & Propenties .... 3) DETACH DELETE node Crede a graph database for student course regulation crede statent & dept node and insort values of Crede n: Student [ Sid: VTU 302387 Sname: "John" deptnam: CSE"3 Added label created, node set 3 proporties, Completed after 232 ms Cacale n's student [Sid: VTU 30237" Sname: Dhowhong deptrame: EEE'] GUTPUT Added I label , created I node 1 set 3 proporties,

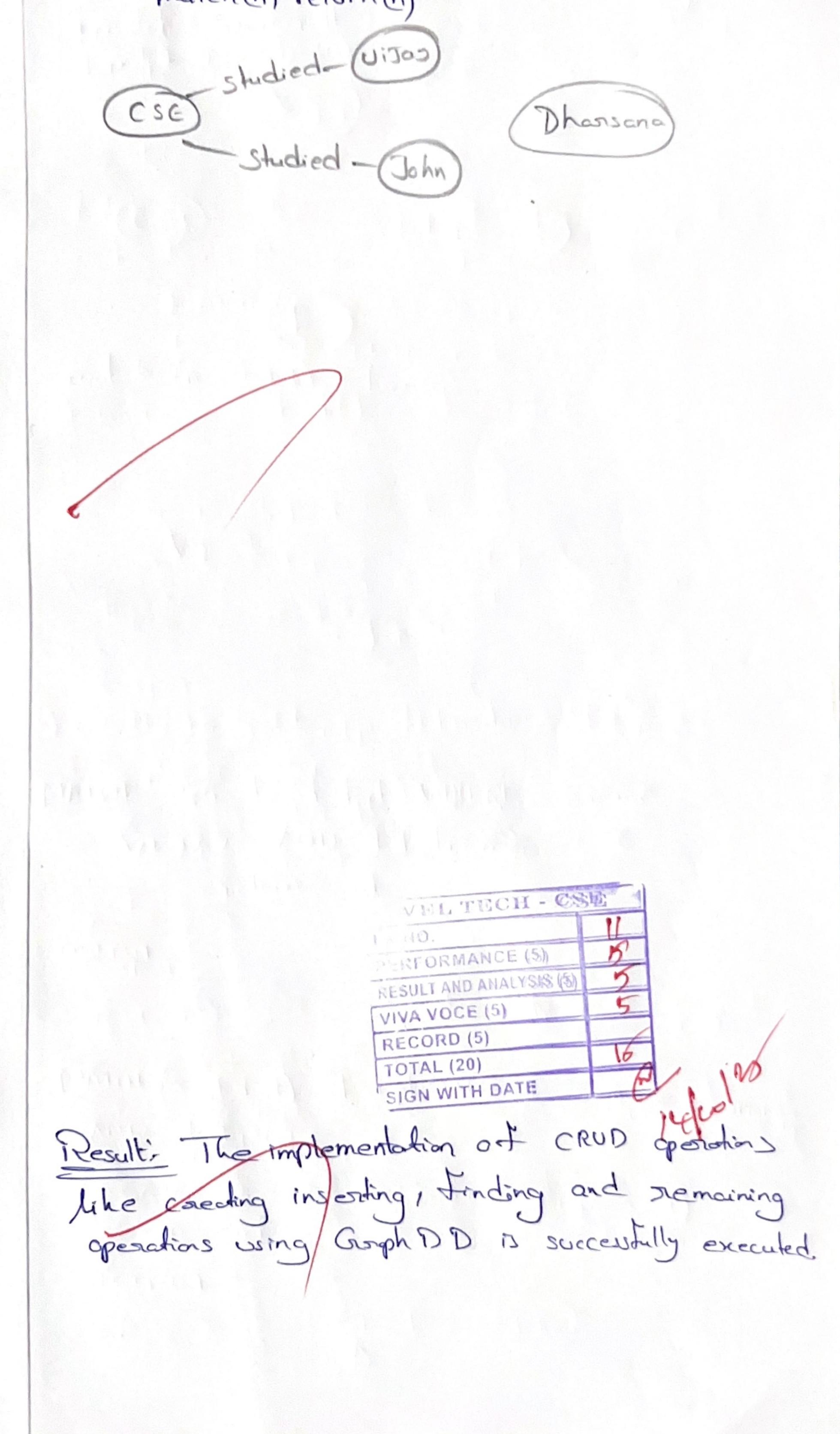
Completed after 16 ms.

Crede (nidept dept name : cse", deptid; "doo!")

THE PERSON OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PERSON OF THE PERSON

Added, label, Created, node, set 2. proporties, completed after 72 ms

Select all nodes in your database using match command match (n) nebrin (n)
(20)
(CSE) (Dhansong)
(Jhon)
moteh (n: student) neturn(s)
(Vijor) (Dhowene)
(John)
a) Greeken a relationship between student and CSC
MATCH students (d. dept) WHERE S. nome -
VIJAY" AND d. deptname = CSE' return Sid
OUTPUT:
(CSE) Stident (VIJay)
MATCH (S: Student); (d: dept) WHERE S. Smome = John AND d. deptnome = CSE
CREATE (S) - (St. STUDIED_AT) -> Cd) return Sid
OUTPUT:-
CSEX Studied John



match (n) return (n)