Database

Crud operations in each graph in a graph

Aim :- To perform crud operations in a graph data base.

Create - nodes & relationships

Create CS1 → Student-1 (id=1, name = Vinay 21)

Create CS2 = Student-1 (id = n, name = pan, age 2)

Create C1 = Course = id = 10, name = CSE)

Create CS1) = CEnrolled -IN) - C1)

Create CS2)F Cnolled -IN] - E (2);

Read - query data

match CS=Student - (Enrolled -IN)-1
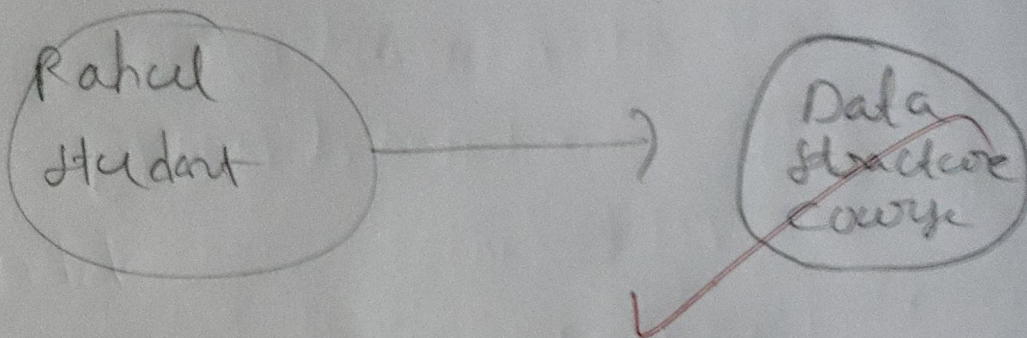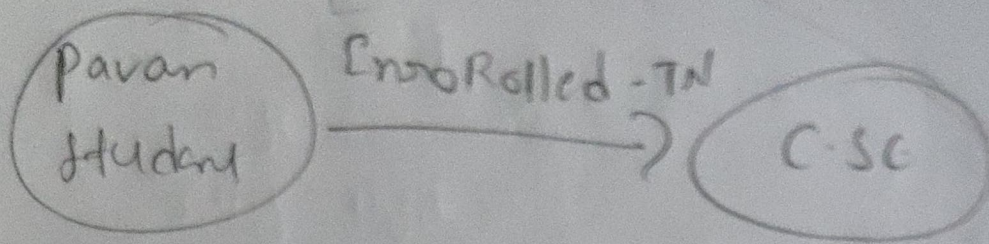(C = Course)

Return S. name - C. Name

Output :-

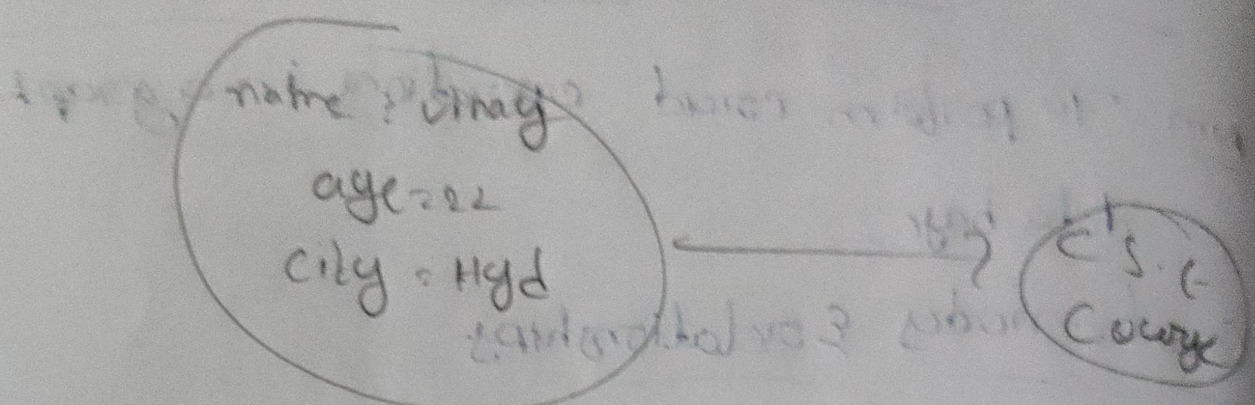Vinas - CSG

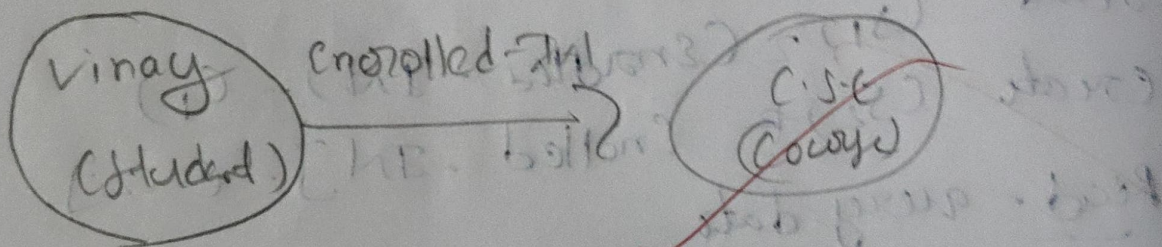Return Sname - C. Name

Output

Vinay -) CSG

Nisar -) DS

Pavan
Student —— EnroRolled - IN ——> C·SC

Rahul
Student ——————> Data Structure Course

Update :

name : vinay
age = 22
city = Hyd

→ ? ←

C.S.C
Course

Delete

Vinay
(Student)   enrolled in →   C.S.C
                                          Course

Updating:-

match (S = student # name = vinay)

Set s age = 24, Scity = Hyderabad-

Return

name = vinay

age = 24

City = hyderabad --)CSE

Delete :-

match (S = student) name = nikhil)-

(S = Enrolled -IN] - CC = course.

Delete-

vinay - enrolled - Into -)CSE

Result: The implement of crud operation like creating, reading, deleting operation using graph ODB is Successfully executed.