Paran student —Enrolled-FN→ CSE

Rahul student —Enrolled-IN→ Data structure course

13/10/25

Task-11:- Crud operations 2N Graph Database

Aim:- To perform Crud operation in a graph database.

Create - Nodes & Relationships:-

Create CS₁:= student - 1 (Pd =1, name = vinay '21')
Create CS₂:= student - 1 {Pd =2, name = pavan '22')
Create (C₁ = course - Pd = 10, name = CSE)
Create (C₂ = course {Pd = 104, name = DSY)
Create (S) = (Enrolled -IN) - (C1)
Create (S2) -1:= Enrolled -IN) -[C2];

Read - query date:-

Match (St Student) -(Enrolled -IN)-1
     (e := - course)
     Return S.name - C-Name!

Output:-

     Varun CSE

     Pavan → DS

updating:-

. match (s := student + {name : Harun})

SQl age :22 , scity: Hyderabad
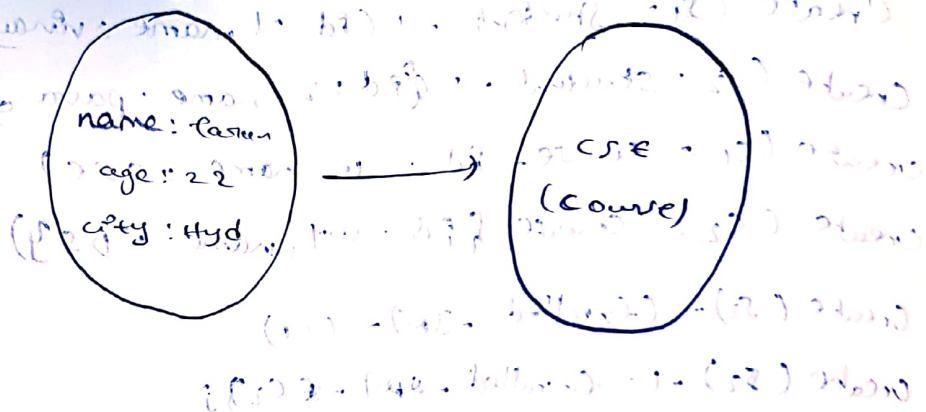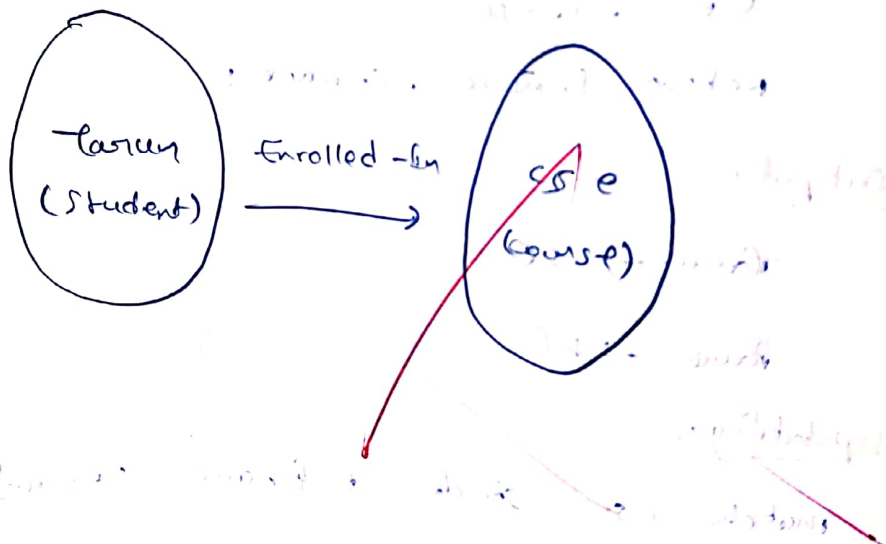
Return ;

    name = Varun

    age := 22

    city= hyderabad → see

UPDATE :-


```
name : Carun
age : 22          ──────→     CSE
city : Hyd                   (course)
```

DELETE :


```
Carun        Enrolled - In      CSE
(Student)   ────────→         (course)
```

DELETE:-

match cs: student { marc : nish: y }
Cr : Enrolled -In] -CC : course)

DELETE:

Tarun - enrolled -In → CSE

Result :- The implement of crud operation
like creating updating, reading, deleting
operations using graph DB is successfully
executed