

crud operations 2nd graph DatabaseAim: To perform crud operation databasecreate - nodes & Relationships:

create (s1 = student - 1 {id = 1, name: vinay2})
 create (s2 = student - 1 {id = 2, name: Pooja, age: 22})
 create (c1 = course - 1 {id = 10, name = C.S.E})
 create (c2 = course - 1 {id = 100, name = D.S})
 create (R1) = (ENROLLED - IN) - (c1)
 create (R2) = (ENROLLED - IN) - (c2);

Read - query data:

match (s: student) - (ENROLLED - IN) -
 (c: course)
 return s.name - c.name;

output:

vinay - C.S.E

Return: s.name - c.name

output:

vinay → C.S.E.

Nisa → DS

updating:

match (s = student - {name = vinay})

set s.age (22), s.city = Hyderabad

returns;

name = vinay

age = 22

city = Hyderabad → C.S.E

1. Create a function to create a new student
 2. Create a function to update a student
 3. Create a function to delete a student
 4. Create a function to search a student
 5. Create a function to display all students

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Roll No.	Name	Age	Gender	Address
1	John Doe	20	Male	123 Main St
2	Jane Smith	22	Female	456 Elm St
3	Mike Johnson	21	Male	789 Oak St
4	Sarah Brown	19	Female	101 Pine St
5	David Wilson	23	Male	202 Cedar St

Result: We have successfully created a new student. The operation was successful.

Notes

crud operations
 Aim: To
 create -
 create
 create
 create
 create
 create
 create

Read -
 match
 C

output

output

up date

50

ra

1310.6

update 3

delete :

DELETE :

match CS & student & name : (vinay)
(V = ENROLLED - IN) (C = course)

delete :

vinay - - enrolled - IN -> C -> E

VEL TECH	
EX No.	11
PERFORMANCE (5)	5
RESULT AND ANALYSIS (5)	5
VIVA VOCE (5)	5
RECORD (5)	
TOTAL (20)	15
ON WITH DTE	13/9/2

Result :

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